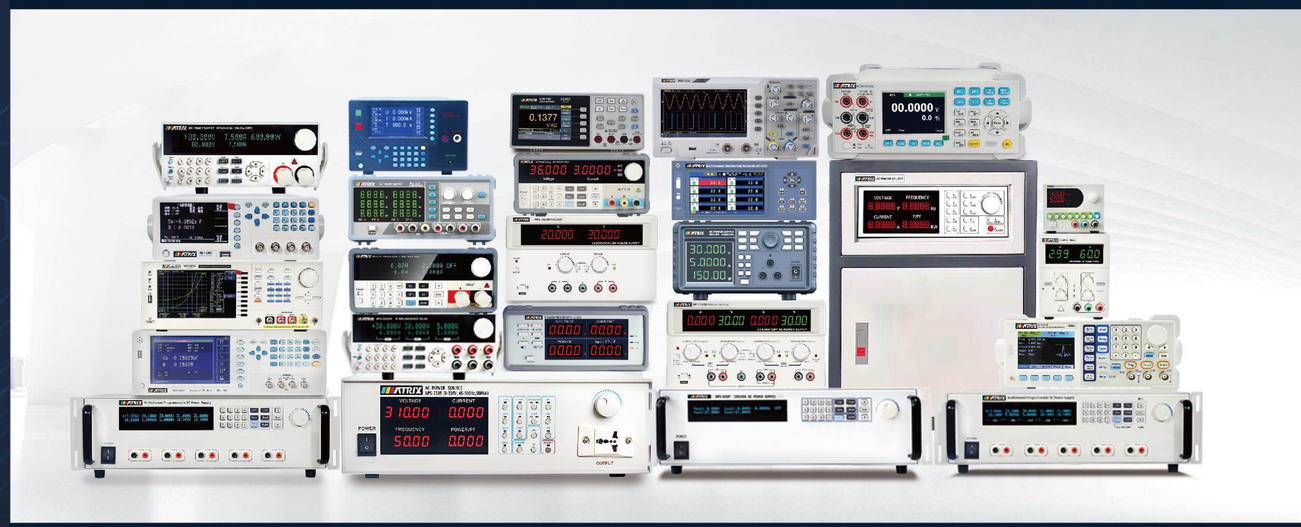
Since 2003



2025

MATRIX TECHNOLOGY INC.

PRODUCT MANUAL

THE EXPERT OF DC LINEAR POWER SUPPLY

Ver.:25.05.07

MATRIX TECHNOLOGY INC.

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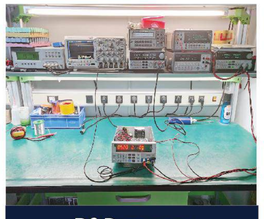
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COMPANY INTRODUCTION

Founded in 2003, MATRIX TECHNOLOGY INC. is an innovative enterprise integrating R&D, production and sales. Since its establishment, MATRIX has focused on the research and development and production of DC regulated power supplies. The products have been sold to more than 80 countries and regions all over the world, and are highly recommended by the majority of users. MATRIX has obtained CE, ROHS and other authoritative certifications. MATRIX will continue to focus on the research and development of DC power supplies, keep providing users with more reliable, durable and stable products.


R&D corner


Aging room


Production line


Temp.&Humidity Test

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Single Channel DC Power Supply

MPS-100 Series



optional RS-232 ☐ RS-485☐

Applications

- Prouduction line work bench routine test
- Lab and institute
- Electronic repair
- Automated equipment integration testing

Features

- Voltage compensation function to ensure high accuracy
- Nine sets of voltage and current storage function, convenient and quick
- Intelligent temperature control fan, extremely practical
- It can save the output status and value before the last shutdown
- The adjustable range of current and voltage can be set
- Restore factory settings with one click
- Adjustable screen brightness
- LIST output editing function

Model		MPS-100	MPS-100C	MPS-101	MPS-101C
Rated input voltage		AC220V±10% or 110V±10%			
Rated output voltage		0~30V		0~60V	
Rated output current		0~5A		0~3A	
Rated output power		150W		180W	
Load regulation rate	Voltage	0.05%+8mV		0.05%+5mV	
	Current	0.1%+5mA		0.1%+5mA	
Power regulation rate	Voltage	0.05%+8mV		0.05%+8mV	
	Current	0.1%+5mA		0.1%+5mA	
Setting resolution	Voltage	1mV		1mV	
	Current	0.1mA		0.1mA	
Read back resolution	Voltage	1mV		1mV	
	Current	0.1mA		0.1mA	
Settingaccuracy (25°C±5°C)	Voltage	≤0.1%+8mV		≤0.1%+8mV	
	Current	≤0.2%+2mA		≤0.2%+2mA	
Read back accuracy (25°C±5°C)	Voltage	≤0.1%+8mV		≤0.1%+8mV	
	Current	≤0.2%+2mA		≤0.2%+2mA	
Ripple and noise (25°C±5°C)	Voltage	<5mVrms		<5mVrms	
	Current	<3mArms		<3mArms	
temperature coefficient	Voltage	0 to 40°C≤85 R.H.		0 to 40°C≤85 R.H.	
	Current	-15 to 70°C≤85 R.H.		-15 to 70°C≤85 R.H.	
Machine size (W*H*D)	mm	185*105*295		185*105*295	
Net weight	kg	4.5Kg		4.5Kg	
Standard interface		——	RS-232+RS-485	——	RS-232+RS-485

Single Channel DC Power Supply

MPS-200 Series



Standard RS-232☑ RS-485☑ USB☑

Optional LAN☐

Features

- It can save the output status and value before the last shutdown
- The adjustable range of current and voltage can be set
- Voltage compensation function to ensure high accuracy
- Restore factory settings with one click
- List output editing function
- Nine sets of voltage and current storage function, convenient and quick
- Intelligent temperature control fan, extremely practical
- Adjustable screen brightness

Applications

- Prouduction line work bench routine test
- Lab and institute
- Electronic repair
- Automated equipment integration testing

Model		MPS-200	MPS-201	MPS-202	MPS-203
Rated input voltage		AC220V/110V±10%			
Rated output voltage		0-32V		0-60V	0-150V
Rated output current		0-6A	0-10A	0-5A	0-2A
Rated output power		192W	320W	300W	300W
Load regulation rate	Voltage	≤0.02%+5mV	≤0.02%+8mV	≤0.02%+5mV	≤0.02%+5mV
	Current	≤0.02%+5mA	≤0.02%+5mA	≤0.02%+5mA	≤0.02%+5mA
Line regulation rate	Voltage	≤0.02%+5mV	≤0.02%+8mV	≤0.02%+5mV	≤0.02%+5mV
	Current	≤0.02%+5mA	≤0.02%+5mA	≤0.02%+5mA	≤0.02%+5mA
Setting resolution	Voltage	1mV			
	Current	0.1mA			
Read back resolution	Voltage	1mV			
	Current	0.1mA			
Settingaccuracy (25°C±5°C)	Voltage	≤0.1%+8mV			
	Current	≤0.2%+2mA			
Read back accuracy (25°C±5°C)	Voltage	≤0.1%+8mV			
	Current	≤0.2%+2mA			
Ripple and noise (25°C±5°C)	Voltage	<8mVrms	<8mVrms	<10mVrms	<10mVrms
	Current	<3mArms	<5mArms	<3mArms	<3mArms
temperature coefficient	Operating	0 to 40°C≤80 R.H.			
	Storage	-15 to 70°C≤80 R.H.			
Machine size (W*H*D)	mm	111*170*250			
Net weight	kg	2KG			

Single Channel DC Power Supply

WPS-300S Series



Features

- It can save the output status and value before the last shutdown
- The adjustable range of current and voltage can be set
- Nine sets of voltage and current storage and recall functions, convenient and fast
- Restore factory settings with one click
- Output switch control for easy control
- Intelligent temperature controlled fan, extremely practical
- List output function
- OVP/OCP setting function
- Adjustable screen brightness

Standard RS–232☑ RS-485☑ USB☑

Optional LAN☐

Applications

- Prouduction line work bench routine test
- Lab and institute
- Electronic repair
- Automated equipment integration testing

Model		WPS300S-80-6	WPS300S-30-20	WPS300S-80-10	WPS300S-150-5
Rated input voltage		AC220V/110V±10%			
Rated output voltage		0-80V	0-30V	0-80V	0-150V
Rated output current		0-6A	0-20A	0-10A	0-5A
Rated output power		150W	300W	300W	300W
Load regulation rate	Voltage	≤0.02%+8mV	≤0.02%+8mV	≤0.02%+8mV	≤0.02%+5mV
	Current	≤0.02%+5mA	≤0.02%+5mA	≤0.02%+5mA	≤0.02%+5mA
Line regulation rate	Voltage	≤0.02%+8mV	≤0.02%+8mV	≤0.02%+8mV	≤0.02%+5mV
	Current	≤0.02%+5mA	≤0.02%+5mA	≤0.02%+5mA	≤0.02%+5mA
Setting resolution	Voltage	1mV	1mV	1mV	1mV
	Current	0.1mA	0.1mA	0.1mA	0.1mA
Read back resolution	Voltage	≤0.1%+8mV	≤0.1%+8mV	≤0.1%+8mV	≤0.1%+10mV
	Current	≤0.2%+2mA	≤0.2%+2mA	≤0.2%+2mA	≤0.2%+2mA
Settingaccuracy (25°C±5°C)	Voltage	1mV	1mV	1mV	1mV
	Current	0.1mA	0.1mA	0.1mA	0.1mA
Read back accuracy (25°C±5°C)	Voltage	≤0.1%+8mV	≤0.1%+8mV	≤0.1%+8mV	≤0.1%+10mV
	Current	≤0.2%+2mA	≤0.2%+2mA	≤0.2%+2mA	≤0.2%+2mA
Ripple and noise (25°C±5°C)	Voltage	<8mVrms	<8mVrms	<8mVrms	<10mVrms
	Current	<5mArms	<5mArms	<5mArms	<3mArms
Temperature coefficient	Operating	0 to 40°C≤80 R.H.			
	Storage	-15 to 70°C≤80 R.H.			
Machine size (W*H*D)	mm	111*170*250			
Net weight	kg	2KG			

Single Channel DC Power Supply

WPS-380S Series

NEW



Features

- It can save the output status and value before the last shutdown
- The adjustable range of current and voltage can be set
- Nine sets of voltage and current storage and recall functions, convenient and fast
- Restore factory settings with one click
- Output switch control for easy control
- Intelligent temperature controlled fan, extremely practical
- List output function
- OVP/OCP setting function
- Adjustable screen brightness

Standard RS–232☑ RS-485☑ USB☑

Optional LAN☐

Applications

- Prouduction line work bench routine test
- Lab and institute
- Electronic repair
- Automated equipment integration testing

Model		WPS380S-40-60	WPS380S-80-30	WPS380S-200-12.5	WPS380S-360-7.5	WPS380S-500-5	WPS380S-800-3	WPS380S-1000-2.5
Rated output voltage		0-40V	0-80V	0-200V	0-360V	0-500V	0-800V	0-1000V
Rated output current		0-60A	0-30A	0-12.5A	0-7.5A	0-5A	0-3A	0-2.5A
Rated output power		800W	800W	800W	800W	800W	800W	800W
Load regulation rate	Voltage	≤0.02%+8mV	≤0.02%+8mV	≤0.02%+8mV	≤0.02%+5mV	≤0.02%+5mV	≤0.02%+5mV	≤0.02%+5mV
	Current	≤0.02%+5mA	≤0.02%+5mA	≤0.02%+5mA	≤0.02%+5mA	≤0.02%+5mA	≤0.02%+5mA	≤0.02%+5mA
Line regulation rate	Voltage	≤0.02%+8mV	≤0.02%+8mV	≤0.02%+8mV	≤0.02%+5mV	≤0.02%+5mV	≤0.02%+5mV	≤0.02%+5mV
	Current	≤0.02%+5mA	≤0.02%+5mA	≤0.02%+5mA	≤0.02%+5mA	≤0.02%+5mA	≤0.02%+5mA	≤0.02%+5mA
Setting resolution	Voltage	1mV	1mV	1mV	1mV	1mV	1mV	1mV
	Current	0.1mA	0.1mA	0.1mA	0.1mA	0.1mA	0.1mA	0.1mA
Read back resolution	Voltage	≤0.1%+8mV	≤0.1%+8mV	≤0.1%+8mV	≤0.1%+10mV	≤0.1%+10mV	≤0.1%+10mV	≤0.1%+10mV
	Current	≤0.2%+2mA	≤0.2%+2mA	≤0.2%+2mA	≤0.2%+2mA	≤0.2%+2mA	≤0.2%+2mA	≤0.2%+2mA
Setting accuracy (25°C±5°C)	Voltage	1mV	1mV	1mV	1mV	1mV	1mV	1mV
	Current	0.1mA	0.1mA	0.1mA	0.1mA	0.1mA	0.1mA	0.1mA
Read back accuracy (25°C±5°C)	Voltage	≤0.1%+8mV	≤0.1%+8mV	≤0.1%+8mV	≤0.1%+10mV	≤0.1%+10mV	≤0.1%+10mV	≤0.1%+10mV
	Current	≤0.2%+2mA	≤0.2%+2mA	≤0.2%+2mA	≤0.2%+2mA	≤0.2%+2mA	≤0.2%+2mA	≤0.2%+2mA
Ripple and noise (25°C±5°C)	Voltage	<8mVrms	<8mVrms	<8mVrms	<10mVrms	<10mVrms	<10mVrms	<10mVrms
	Current	<5mArms	<5mArms	<5mArms	<3mArms	<3mArms	<3mArms	<3mArms
Temperature coefficient	Operating	0 to 40°C≤80 R.H.						
	Storage	-15 to 70°C≤80 R.H.						
Size(W*H*D)	mm	111*170*250						
Weight	kg	5						

Single Channel DC Power Supply

MPS-300 Series

NEW





Standard RS-232☑ RS-485☑ USB☑ SENSE☑ Analog control☑

Optional LAN ☐

Features

- Resolution: Voltage 1mV, current 0.1mA, power 1mW
- Input voltage 110V/220V switching, globally applicable
- Voltage remote compensation function ensures accuracy of use
- External USB drive with file saving and reading functions
- Battery charging function
- List editing and output function
- Adjustable upward slope
- External triggering function

Applications

- Prouduction line work bench routine test
- Lab and institute
- Electronic repair
- Automated equipment integration testing

Model		MPS-301	MPS-302	MPS-303	MPS-304	MPS-305	MPS-306	MPS-307	MPS-308	MPS-309	MPS-310
Rated output voltage		0~20V	0~20V	0~36V	0~36V	0~36V	0~60V	0~60V	0~80V	0~100V	0~160V
Rated output current		0~6A	0~10A	0~3A	0~6A	0~10A	0~3A	0~6A	0~2A	0~1A	0~1A
Rated output power		120W	200W	108W	216W	360W	180W	360W	160W	100W	160W
Load regulation rate	Voltage	0.05%+8mV	0.05%+10mV	0.05%+5mV	0.05%+8mV	0.05%+10mV	0.05%+5mV	0.05%+8mV	0.05%+5mV	0.05%+5mV	0.05%+5mV
	Current	0.1%+3mA	0.1%+5mA	0.1%+3mA	0.1%+3mA	0.1%+5mA	0.1%+3mA	0.1%+3mA	0.1%+3mA	0.1%+3mA	0.1%+3mA
Line regulation rate	Voltage	0.05%+8mV	0.05%+10mV	0.05%+5mV	0.05%+8mV	0.05%+10mV	0.05%+5mV	0.05%+8mV	0.05%+5mV	0.05%+5mV	0.05%+5mV
	Current	0.1%+3mA	0.1%+5mA	0.1%+3mA	0.1%+3mA	0.1%+5mA	0.1%+3mA	0.1%+3mA	0.1%+3mA	0.1%+3mA	0.1%+3mA
Setting resolution	Voltage	1mV	1mV	1mV	1mV	1mV	1mV	1mV	1mV	1mV	1mV
	Current	0.1mA	0.1mA	0.1mA	0.1mA	0.1mA	0.1mA	0.1mA	0.1mA	0.1mA	0.1mA
Read back resolution	Voltage	1mV	1mV	1mV	1mV	1mV	1mV	1mV	1mV	1mV	1mV
	Current	0.1mA	0.1mA	0.1mA	0.1mA	0.1mA	0.1mA	0.1mA	0.1mA	0.1mA	0.1mA
Setting accuracy (25°C±5°C)	Voltage	≤0.1%+5mV	≤0.1%+5mV	≤0.1%+5mV	≤0.1%+5mV	≤0.1%+5mV	≤0.1%+5mV	≤0.1%+5mV	≤0.1%+5mV	≤0.1%+5mV	≤0.1%+5mV
	Current	≤0.2%+1mA	≤0.2%+1mA	≤0.2%+1mA	≤0.2%+1mA	≤0.2%+1mA	≤0.2%+1mA	≤0.2%+1mA	≤0.2%+1mA	≤0.2%+1mA	≤0.2%+1mA
Read back accuracy (25°C±5°C)	Voltage	≤0.1%+5mV	≤0.1%+5mV	≤0.1%+5mV	≤0.1%+5mV	≤0.1%+5mV	≤0.1%+5mV	≤0.1%+5mV	≤0.1%+5mV	≤0.1%+5mV	≤0.1%+5mV
	Current	≤0.2%+1mA	≤0.2%+1mA	≤0.2%+1mA	≤0.2%+1mA	≤0.2%+1mA	≤0.2%+1mA	≤0.2%+1mA	≤0.2%+1mA	≤0.2%+1mA	≤0.2%+1mA
Ripple and noise (25°C±5°C)	Voltage	5mVrms	8mVrms	5mVrms	5mVrms	8mVrms	5mVrms	8mVrms	10mVrms	15mVrms	15mVrms
	Current	3mArms	6mArms	2mArms	5mArms	6mArms	2mArms	3mArms	2mArms	2mArms	2mArms
Temperature coefficient	Operating	300ppm	300ppm	300ppm	300ppm	300ppm	300ppm	300ppm	300ppm	300ppm	300ppm
	Storage	300ppm	300ppm	300ppm	300ppm	300ppm	300ppm	300ppm	300ppm	300ppm	300ppm
Machine size (W*H*D)	mm	110*183*288	110*183*345	110*183*288	110*183*288	110*183*345	110*183*288	110*183*288	110*183*345	110*183*345	110*183*345
Net weight	kg	4.5	5.6	6.7	5.6	7	5.6	5.6	5.6	5.6	5.6
Rise time		< 10mS									

Single Channel DC Power Supply

SPS Series



The SPS series is a single output, 360W switch DC power supply with overvoltage protection to protect the SPS power supply and load from accidental damage. 0.01% low variation rate, remote monitoring terminal can compensate for line losses between power supply and load. SPS series power supply is a high utilization, high-precision, lightweight and compact switch DC power supply.

Standard SENSE ☑ Optional RS-232 ☐

Features

- There are two ways to set: voltage and current, using a numeric keypad and knob adjustment
- Voltage 1mV, current 1mA resolution, high-precision display
- 9 sets of voltage and current storage and retrieval functions
- Efficient, lightweight, and compact in size
- Output switch control, easy to master
- Overload and polarity reverse protection function
- Voltage remote compensation function
- Intelligent temperature controlled fan, extremely practical
- Voltage and current interval setting function

Model		SPS-1230	SPS-1820	SPS-2415	SPS-3610	SPS-606
Voltage		0~12V	0~18V	0~24V	0~36V	0~60V
Current		0~30A	0~20A	0~15A	0~10A	0~6A
Rated input voltage		AV 220V+10% 50Hz				
Voltage transformation method		Switching Power Supplies				
Load regulation	Voltage	≤0.1%+20mV				
	Current	≤0.1%+5mA				
Line regulation	Voltage	≤0.1%+20mV				
	Current	≤0.1%+5mA				
Setting accuracy	Voltage	1mV				
	Current	1mA				
Setting resolution	Voltage	≤0.1%+10mV				
	Current	≤0.3%+8mA				
Readback accuracy	Voltage	1mV				
	Current	1mA				
Readback resolution	Voltage	≤0.1%+10mV				
	Current	≤0.3%+8mA				
Ripple	Voltage	5mVrms,100mVp-p				
	Current	30mArms	10mArms	10mArms	5mArms	3mArms
Recovery time		≤500uS(50% load variation, minimum load 0.5A)				
Temperature coefficient		≤100ppm/C				
Temperature	Operation	0~40°C≤ 85R.H				
	Storage	-15~70°C≤ 85R.H				
Insulation	Chassis to terminal	20MΩ or above(DC 500V)				
	Chassis to powe rcord	30MΩ or above(DC 500V)				
Size and weight	mm	230 (width)x105 (height)x 330 (length) mm				
	kg	About 3.5 kilograms				

Single Channel DC Power Supply

MPS-3600H Series



Features

- List programme output function
- Save last time output data and state
- External trigger function
- Pass/Fail signal output function
- Nine sets of voltage and current storage and recall function, convenient and quick
- Intelligent temperature control fan, extremely practical
- The knob adopts the code switch, which is convenient to use and has the function of preventing misadjustment

Applications

- Routine test and maintenance of production line;
- Laboratory and Research Institute;
- Simulation test of new energy vehicles;
- Automation equipment integration test

Standard SENSEt☑ RS232☑ Optional Analog control☐

Model		MPS-2010H	MPS-3603H	MPS-3605H	MPS-3610H	MPS-6003H	MPS-6005H	MPS-8002H	MPS-15H01H
Rated input voltage		AC220V/110V±10%							
Rated output voltage		0~20V	0~36V	0~36V	0~36V	0~60V	0~60V	0~80V	0~150V
Rated output current		0~10A	0~3A	0~5A	0~10A	0~3A	0~5A	0~2A	0~1.2A
Rated output power		200W	108W	180W	360W	180W	300W	160W	180W
Load regulation rate	Voltage	0.05%+8mV	0.05%+5mV	0.05%+8mV	0.05%+10mV	0.05%+5mV	0.05%+8mV	0.05%+5mV	0.05%+10mV
	Current	0.1%+5mA	0.1%+5mA	0.1%+5mA	0.1%+8mA	0.1%+5mA	0.1%+5mA	0.1%+5mA	0.1%+5mA
Line regulation	Voltage	0.05%+8mV	0.05%+5mV	0.05%+8mV	0.05%+10mV	0.05%+5mV	0.05%+8mV	0.05%+5mV	0.05%+5mV
	Current	0.1%+5mA	0.1%+5mA	0.1%+5mA	0.1%+8mA	0.1%+5mA	0.1%+5mA	0.1%+5mA	0.1%+5mA
Setting value resolution	Voltage	1mV	1mV	1mV	1mV	1mV	1mV	1mV	10mV
	Current	0.1mA	0.1mA	0.1mA	0.1mA	0.1mA	0.1mA	0.1mA	0.1mA
Readback value resolution	Voltage	1mV	1mV	1mV	1mV	1mV	1mV	1mV	10mV
	Current	0.1mA	0.1mA	0.1mA	0.1mA	0.1mA	0.1mA	0.1mA	0.1mA
Setting accuracy (25℃±5℃)	Voltage	≤0.1%+2digits	≤0.1%+2digits	≤0.1%+2digits	≤0.1%+2digits	≤0.1%+2digits	≤0.1%+2digits	≤0.1%+3digits	≤0.1%+3digits
	Current	≤0.2%+3digits	≤0.2%+3digits	≤0.2%+3digits	≤0.2%+6digits	≤0.2%+3digits	≤0.2%+3digits	≤0.2%+3digits	≤0.2%+3digits
Readback accuracy (25℃±5℃)	Voltage	≤0.1%+2digits	≤0.1%+2digits	≤0.1%+2digits	≤0.1%+2digits	≤0.1%+2digits	≤0.1%+2digits	≤0.1%+3digits	≤0.1%+3digits
	Current	≤0.2%+3digits	≤0.2%+3digits	≤0.2%+3digits	≤0.2%+6digits	≤0.2%+3digits	≤0.2%+3digits	≤0.2%+3digits	≤0.2%+3digits
Ripple	Voltage	1.5mVrms	1mVrms	1.5mVrms	2mVrms	2mVrms	2mVrms	3mVrms	3mVrms
	Current	3mArms	3mArms	3mArms	6mArms	3mArms	3mArms	3mArms	3mArms
Temperature Coefficient	Operation	300ppm	300ppm	300ppm	300ppm	300ppm	300ppm	300ppm	300ppm
	Storage	300ppm	300ppm	300ppm	300ppm	300ppm	300ppm	300ppm	300ppm
Instrument size (W*H*D)	mm	215*95*300	215*95*300	215*95*300	215*95*355	215*95*355	215*95*355	215*95*300	215*95*300
Packing size (W*H*D)	mm	310*200*420	310*200*420	310*200*420	310*200*485	310*200*485	310*200*485	310*200*420	310*200*420
Net weight	kg	6.7	4.5	6.7	7.5	5.6	7	5.6	5.6
Gross weight	kg	7.8	5.6	7.8	8.6	6.7	8	6.7	6.7

Single Channel DC Power Supply

MPS-3600LP Series



- List programme output function
- Save last time output data and state
- External trigger function
- Pass/fall signal output function
- Nine sets of voltage and current storage and recall function, convenient and quick
- Intelligent temperature control fan, extremely practical
- The knob adopts the code switch, which is convenient to use and has the function of preventing misadjustment

Application:
1.Routine test and maintenance of production line;
2.Laboratory and Research Institute;
3.Simulation test of new energy vehicles;
4.Automation equipment integration test

Standard SENSEt☑ RS232☑ Optional Analog control☐

Model		MPS-2010LP	MPS-3603LP	MPS-3605LP	MPS-3610 LP	MPS-6003LP	MPS-6005LP	MPS-8002LP	MPS-15H01LP
Rated input voltage		AC220V/110V±10%							
Rated output voltage		0~20V	0~36V	0~36V	0~36V	0~60V	0~60V	0~80V	0~150V
Rated output current		0~10A	0~3A	0~5A	0~10A	0~3A	0~5A	0~2A	0~1.2A
Rated output power		200W	108W	180W	360W	180W	300W	160W	180W
Load regulation rate	Voltage	0.05%+8mV	0.05%+5mV	0.05%+8mV	0.05%+10mV	0.05%+5mV	0.05%+8mV	0.05%+5mV	0.05%+10mV
	Current	0.1%+5mA	0.1%+5mA	0.1%+5mA	0.1%+8mA	0.1%+5mA	0.1%+5mA	0.1%+5mA	0.1%+5mA
Line regulation	Voltage	0.05%+8mV	0.05%+5mV	0.05%+8mV	0.05%+10mV	0.05%+5mV	0.05%+8mV	0.05%+5mV	0.05%+5mV
	Current	0.1%+5mA	0.1%+5mA	0.1%+5mA	0.1%+8mA	0.1%+5mA	0.1%+5mA	0.1%+5mA	0.1%+5mA
Setting value resolution	Voltage	10mV	10mV	10mV	10mV	10mV	10mV	10mV	100mV
	Current	1mA	1mA	1mA	1mA	1mA	1mA	1mA	1mA
Readback value resolution	Voltage	10mV	10mV	10mV	10mV	10mV	10mV	10mV	100mV
	Current	1mA	1mA	1mA	1mA	1mA	1mA	1mA	1mA
Setting accuracy (25℃±5℃)	Voltage	≤0.1%+2digits	≤0.1%+2digits	≤0.1%+2digits	≤0.1%+2digits	≤0.1%+2digits	≤0.1%+2digits	≤0.1%+3digits	≤0.1%+3digits
	Current	≤0.2%+3digits	≤0.2%+3digits	≤0.2%+3digits	≤0.2%+6digits	≤0.2%+3digits	≤0.2%+3digits	≤0.2%+3digits	≤0.2%+3digits
Readback accuracy (25℃±5℃)	Voltage	≤0.1%+2digits	≤0.1%+2digits	≤0.1%+2digits	≤0.1%+2digits	≤0.1%+2digits	≤0.1%+2digits	≤0.1%+3digits	≤0.1%+3digits
	Current	≤0.2%+3digits	≤0.2%+3digits	≤0.2%+3digits	≤0.2%+6digits	≤0.2%+3digits	≤0.2%+3digits	≤0.2%+3digits	≤0.2%+3digits
Ripple	Voltage	1.5mVrms	1mVrms	1.5mVrms	2mVrms	2mVrms	2mVrms	3mVrms	3mVrms
	Current	3mArms	3mArms	3mArms	6mArms	3mArms	3mArms	3mArms	3mArms
Temperature Coefficient	Operation	300ppm	300ppm	300ppm	300ppm	300ppm	300ppm	300ppm	300ppm
	Storage	300ppm	300ppm	300ppm	300ppm	300ppm	300ppm	300ppm	300ppm
Instrument size (W*H*D)	mm	215*95*300	215*95*300	215*95*300	215*95*355	215*95*355	215*95*355	215*95*300	215*95*300
Packing size (W*H*D)	mm	310*200*420	310*200*420	310*200*420	310*200*485	310*200*485	310*200*485	310*200*420	310*200*420
Net weight	kg	6.7	4.5	6.7	7.5	5.6	7	5.6	5.6
Gross weight	kg	7.8	5.6	7.8	8.6	6.7	8	6.7	6.7

Single Channel DC Power Supply

PDS-E Series





Features

- Set voltage and current in two ways: digital keyboard and knob
- Voltage 1mV and current 1mA resolution,high precision display
- 9 sets of voltage and current storage call functions
- The appearance is fashionable and small, affordable,cost-effective ultra-high
- Intelligent temperature controlled fan
- List sequence output
- Battery charging warning function, setting upper and lower limits for voltage and current
- Lock key function

Applications

- Experimental technique
- Electronic maintenance
- Aging test
- DIY

Optional SENSE☐ RS232☐

Model	Voltage	Current	Power	Ripple
PDS-2030E	0~20V	0~30A	600W	10mVrms
PDS-3020E	0~30V	0~20A	600W	10mVrms
PDS-6010E	0~60V	0~10A	600W	10mVrms
PDS-1560E	0~15V	0~60A	900W	10mVrms
PDS-3030E	0~30V	0~30A	900W	10mVrms
PDS-6015E	0~60V	0~15A	900W	10mVrms
PDS-8010E	0~80V	0~11A	880W	15mVrms
PDS-15006E	0~150V	0~6A	900W	15mVrms

Rated input voltage		AV220V/110V±10%
Transformer mode		Switch power supply
Load regulation rate	Voltage	≤0.1%+20mV
	Current	≤0.1%+5mA
Power regulation rate	Voltage	≤0.1%+20mV
	Current	≤0.1%+5mA
Setting resolution	Voltage	1mV
	Current	1mA
Setting accuracy	Voltage	≤0.1%+10mV
	Current	≤0.3%+10mA
Readback resolution	Voltage	1mV
	Current	1mA
Readback accuracy	Voltage	≤0.1%+10mV
	Current	≤0.3%+10mA
Temperature	Operating	0 to 40℃≤85R.H.
	Storage	-15 to 70℃≤85 R.H.
Product size(W*H*D)	mm	214*108*305
Net weight	kg	4.5

Single Channel DC Power Supply

PDS Series





- Voltage 1mV current 1mA resolution, high precision display
- Set voltage and current in two ways; digital keyboard and knob
- 100 sets of voltage and current storage call out function, convenient and quick
- Voltage compensation function ensures high precision
- Output switch control, easy to control
- Intelligent temperature control fan, extremely practical
- The knob adopts the code switch, which is convenient to use and has the function of preventing misadjustment
- Over voltage, over current, over temperature protection function

Standard RS232 ☑ SENSE ☑ Optional Analog control ☐

Model	Voltage	Current	Power	OVP	OCP
Rated input voltage	AC220V±10%				
Rated DC output (0℃~40℃)					
PDS-2030	0~20V	0~30A	600W	0.1~24V	0.1~34A
PDS-3020	0~30V	0~20A	600W	0.1~34V	0.1~24A
PDS-6010	0~60V	0~10A	600W	0.1~64V	0.1~12A
PDS-1560	0~15V	0~60A	900W	0.1~18V	0.1~62A
PDS-3030	0~30V	0~30A	900W	0.1~34V	0.1~34A
PDS-6015	0~60V	0~15A	900W	0.1~64V	0.1~17A
PDS-8010	0~80V	0~11A	880W	0.1~88V	0.1~12A

Power effect	Voltage	≤0.01%+4mV
	Current	≤0.2%+3mA
Load effect	Voltage	≤0.1%+5mV
	Current	≤0.2%+5mA
Ripple and noise	Voltage	2mVrms,30mVpp
	Current	≤10mArms
Setting precision	Voltage	±(0.03%of reading+10mV)(25±5℃)
	Current	±(0.3%of reading+10mA)(25±5℃)
Setting resolution		1mV / 1mA
Voltage Recovery time		≤1.5ms(50%loadchange)
Voltage Temperature coefficient		≤300ppm/℃
Accuracy of reading		±(0.02% of reading+5mV)(25±5℃);±(0.05% of reading+10mA)(25±5℃)
Protection		OLP, OVP, OCP, OTP, RP
Interface		Standard RS-232, support SCPI instruction set, analog control interface (optional)
Storage redeployment		100 groups
Operating environment		Indoor use , altitude : ≤2000m , ambient temperature : 0~40℃ Relative humidity : ≤80% , Install level : Ⅱ , Degree of pollution : 2
Storage environment		ambient temperature : -10~70℃ , relative humidity : ≤70%
Power input		AC 220V±10%,50/60Hz
Accessories		user manual*1pc, power cord*1pc
Size (W*H*D)	mm	215*89*412
Net weight	kg	4.6kg(600W), 5.5kg(900W)

Single Channel DC Power Supply

WPS-L Series



WPS100-8005L/WPS200-8010L　　WPS400-8020L/WPS600-8030L

Features

- LIST output function
- Timing output time can be set (0.1~99999.9 seconds)
- Remote compensation function to compensate the voltage drop on line
- With abundant SCPI instructions make it easy to build an intelligent testing platform
- Optional external analog control function
- Supports output from the front and rear panels
- DVM voltmeter measurement function
- Internal temperature monitoring function

Standard USB☑ SENSE☑ RS232☑ 485☑

Optional LAN☐

Model		WPS100-8005L	WPS200-8010L	WPS400-8020L	WPS600-8030L
Rated input voltage		AC220V/110V±10%			
Rated output voltage		0~80V	0~80V	0~80V	0~80V
Rated output current		0~5A	0~10A	0~20A	0~30A
Rated output power		100W	200W	400W	600W
Load regulation rate	Voltage	≤0.01%+3mV	≤0.01%+10mV	≤0.01%+30mV	≤0.01%+30mV
	Current	≤0.05%+2mA	≤0.05%+4mA	≤0.05%+6mA	≤0.1%+10mA
Line regulation	Voltage	≤0.01%+3mV	≤0.01%+10mV	≤0.01%+30mV	≤0.01%+30mV
	Current	≤0.05%+2mA	≤0.05%+4mA	≤0.05%+6mA	≤0.1%+10mA
Setting value resolution	Voltage	1mV	1mV	1mV	1mV
	Current	0.1mA	1mA	1mA	1mA
Readback value resolution	Voltage	1mV	1mV	1mV	1mV
	Current	0.1mA	1mA	1mA	1mA
Setting accuracy (25℃±5℃)	Voltage	≤0.03%+5mV	≤0.03%+5mV	≤0.03%+5mV	≤0.03%+5mV
	Current	≤0.1%+3mA	≤0.1%+5mA	≤0.1%+10mA	≤0.1%+15mA
Readback accuracy (25℃±5℃)	Voltage	≤0.03%+5mV	≤0.03%+5mV	≤0.03%+5mV	≤0.03%+5mV
	Current	≤0.1%+3mA	≤0.1%+5mA	≤0.1%+10mA	≤0.1%+15mA
Ripple	Voltage	≤5mVrms	≤5mVrms	≤8mVrms	≤10mVrms
	Current	≤5mArms	≤6mArms	≤8mArms	≤15mArms
Rising time		≤150mS(10%-90%)	≤150mS(10%-90%)	≤150ms(10%-90%)	≤150mS(10%-90%)
Falling time		≤2S(10%-90%)	≤2S(10%-90%)	≤2s(10%-90%)	≤2S(10%-90%)
Size	mm	255*110*380		255*110*475	
Weight	kg	8.2	9.2	13.3	15.2

Single Channel DC Power Supply

MPS-D+ Series



- Current pre-set without short circuit, namly can set the max output current directly
- Smart fan reduce the working noise
- Spec:30V/3A, 30V/5A, 60V/3A, 30V/10A, 60V/5A, 15V/10A,15V/15A
- OTP over temperature protection, more comprehensive protection;
- Output on/off function
- Fine/coarse tuning
- Input voltage 110V/220V switchable
- The smallest 300W(60V/5A,30V/10A) linear adjustable power supply in industry

Model		MPS-3003D+	MPS-3005D+	MPS-3010D+	MPS-6003D+	MPS-6005D+	MPS-1510D+	MPS-1515D+
Rated input voltage		AC220V/110V±10%						
Rated output	Voltage	0-30V	0-30V	0-30V	0-60V	0-60V	0-15V	0-15V
	Current	0-3A	0-5A	0-10A	0-3A	0-5A	0-10A	0-15A
	Power	90W	150W	300W	180W	300W	150W	225W
Load regulation rate	Voltage	<0.02%+5mV	<0.02%+6mV	<0.02%+10mV	<0.02%+5mV	<0.02%+6mV	<0.02%+10mV	<0.02%+12mV
	Current	<0.2%±1digits	<0.2%±1digits	<0.2%±1digits	<0.2%±1digits	<0.2%±1digits	<0.2%±1digits	<0.2%±1digits
Line regulation rate	Voltage	<0.02%+5mV	<0.02%+6mV	<0.02%+10mV	<0.02%+5mV	<0.02%+6mV	<0.02%+10mV	<0.02%+12mV
	Current	<0.2%±1digits	<0.2%±1digits	<0.2%±1digits	<0.2%±1digits	<0.2%±1digits	<0.2%±1digits	<0.2%±1digits
Display resolution	Voltage	100mV						
	Current	< 10A:10mA ， > 10A:100mA						
Display accuracy		≤0.2%+2 digits(Environment temperature：23℃±5℃)						
Ripple	Voltage	≤2mVrms	≤2mVrms	≤3mVrms	≤2mVrms	≤2mVrms	≤2mVrms	≤2mVrms
	Current	5mArms	5mArms	10mArms	5mArms	5mArms	10mArms	10mArms
Temperature Coefficient		300ppm/℃						
Max. output voltage		31.5V±0.5V	31.5V±0.5V	31.5V±0.5V	61.5V±0.5V	61.5V±0.5V	15.5V±0.5V	15.5V±0.5V
Max. output current		3.15A±0.05A	5.20A±0.05A	10.1A±0.05A	3.15A±0.05A	5.20A±0.05A	10.1A±0.05A	15.1A±0.05A
Input voltage		AC 220V/110V±10% 50Hz/60Hz						
Working condition		Temperature 0℃ ~40 ℃Relative humidity < 80%						
Storage condition		Temperature -15℃~70 ℃Relative humidity < 80%						
Cooling method		Smart air cooling						
Size (WxHxD)	mm	280*130*160						320*130*160
Net weight	kg	4.9	5.7	7.0	5.7	7.0	5.7	8.4
Gross weight	kg	5.6	6.4	7.7	6.4	7.7	6.4	8.1

Single Channel DC Power Supply

MPS-H-1 Series





- It can save the output status and value before the last shutdown
- Current can be pre-set without short circuit;
- Current and voltage output can be set in a certain range, which can prevent misoperation from damaging the tested object
- Slow startup circuit design, small surge current
- Voltage compensation function to ensure high precision
- USB, RS-232/485 are optional
- Two groups memory, can be recalled quickly
- One click to restore factory settings

Standard SENSE ☑ Optional RS232□ RS485□ USB□

≤600W Linear DC power supply

Model	Voltage	Current	Power
MPS-3010H-1	0-30V	0-10A	300W
MPS-3020H-1	0-30V	0-20A	600W
MPS-6005H-1	0-60V	0-5A	300W
MPS-6010H-1	0-60V	0-10A	600W
MPS-10003H-1	0-100V	0-3A	300W
MPS-20002H-1	0-200V	0-2A	400W
MPS-30001H-1	0-300V	0-1A	300W

Model		MPS-3010H-1	MPS-3020H-1	MPS-6005H-1	MPS-6010H-1	MPS-10003H-1	MPS-20002H-1	MPS-30001H-1
Input voltage		AC 220V/110V±10% 50Hz/60Hz						
Rated output	Voltage	0~30V	0~30V	0~60V	0~60V	0~100V	0~200V	0~300V
	Current	0~10A	0~20A	0~5A	0~10A	0~3A	0~2A	0~1A
Load regulation rate	Voltage	≤0.01%+10mV	≤0.01%+10mV	≤0.01%+5mV	≤0.01%+5mV	≤0.01%+8mV	≤0.01%+12mV	≤0.01%+12mV
	Current	≤0.2%+5mA	≤0.2%+5mA	≤0.2%+5mA	≤0.2%+5mA	≤0.2%+5mA	≤0.2%+5mA	≤0.2%+5mA
Line regulation rate	Voltage	≤0.01%+10mV	≤0.01%+10mV	≤0.01%+5mV	≤0.01%+5mV	≤0.01%+8mV	≤0.01%+12mV	≤0.01%+12mV
	Current	≤0.2%+5mA	≤0.2%+5mA	≤0.2%+5mA	≤0.2%+5mA	≤0.2%+5mA	≤0.2%+5mA	≤0.2%+5mA
Setting resolution rate	Voltage	1mV	1mV	1mV	1mV	10mV	10mV	10mV
	Current	1mA	1mA	1mA	1mA	1mA	1mA	1mA
Setting accuracy	Voltage	≤0.01%+10mV	≤0.01%+10mV	≤0.01%+10mV	≤0.01%+10mV	≤0.01%+80mV	≤0.01%+80mV	≤0.01%+80mV
	Current	≤0.1%+5mA	≤0.1%+10mA	≤0.1%+5mA	≤0.1%+5mA	≤0.1%+5mA	≤0.1%+5mA	≤0.1%+5mA
Readback resolution rate	Voltage	1mV	1mV	1mV	1mV	10mV	10mV	10mV
	Current	1mA	1mA	1mA	1mA	1mA	1mA	1mA
Readback accuracy	Voltage	≤0.01%+10mV	≤0.01%+10mV	≤0.01%+10mV	≤0.01%+10mV	≤0.01%+80mV	≤0.01%+80mV	≤0.01%+80mV
	Current	≤0.1%+5mA	≤0.1%+10mA	≤0.1%+5mA	≤0.1%+5mA	≤0.1%+5mA	≤0.1%+5mA	≤0.1%+5mA
Ripple and noise	Voltage	≤3mV(rms)						
	Current	≤5mA(rms)						
Working temperature		0~40℃≤80%RH						
Size (WxHxD)	cm	250*150*330						
Weight	kg	8	13	8	13	12	12	12

*** If with interface, the model NO. will be changed to MPS-H-1C, for example, MPS-3010H-1C means it has RS-232,RS-485 and USB.**

Single Channel DC Power Supply

MPS-3206 Series

CE





- Voltage and current simultaneously display, double four-digit LED display
- High power up to 320W with small volume
- Smart fan, unique air duct design keeps normal temperature for long time full load working
- Five sets of storage functions, greatly convenient for users
- OVP/OCP setting function
- Encoder sets voltage and current. Fast and longer life
- Output control function

Model		MPS-3206	MPS-3210	MPS-6205
Rated input voltage		AC220V/110V±10%		
Rated output voltage		0~32V	0~32V	0~62V
Rated output current		0~6A	0~10A	0~5A
Rated output power		192W	320W	310W
Load regulation	Voltage	<0.1%+5mV	<0.1%+10mV	<0.1%+5mV
	Current	<0.2%+3mA	<0.2%+5mA	<0.2%+3mA
Line regulation	Voltage	<0.01%+5mV	<0.01%+10mV	<0.01%+5mV
	Current	<0.2%+3mA	<0.2%+5mA	<0.2%+3mA
Setting accuracy	Voltage	≤0.1%+1 digit	≤0.1%+1 digit	≤0.1%+2 digits
	Current	≤0.2%+3mA	≤0.2%+5mA	≤0.2%+3mA
Setting resolution	Voltage	10mV	10mV	10mV
	Current	1mA	1mA	1mA
Readback accuracy	Voltage	≤0.1%+1 digit	≤0.1%+1 digit	≤0.1%+2 digit
	Current	≤0.2%+3mA	≤0.2%+5mA	≤0.2%+3mA
Readback resolution	Voltage	10mV	10mV	10mV
	Current	1mA	1mA	1mA
Ripple	Voltage	≤10mVrms	≤10mVrms	≤10mVrms
	Current	≤5mArms	≤5mArms	≤5mArms
OVP		0~32V±0.2%FS	0~32V±0.2%FS	0~62V±0.2%FS
Max. voltage		32V±0.2%	32V±0.2%	62V±0.2%
OCP		0~6.1A±0.2%FS	0~10A±0.2%FS	0~5.1A±0.2%FS
Max. current		6.1A±0.2%	10A±0.2%	5.1A±0.2%
Temperature	Operation	0 ~ 40℃≤80%RH		
Coefficient	Storage	-15~70℃≤80%RH		
Instrument size (W*H*D)	mm	115*96*261		
Packing size (W*H*D)	mm	167*153*317		
Net weight	kg	1.5		
Gross weight	kg	1.9		

Two channel DC power supply

MTP-200 Series



NEW

Features

- Voltage and current can be set through a numeric keypad and knob
- Resolution of 1mV voltage and 1mA current
- Two independent adjustable channels, isolated from each other
- Voltage compensation function ensures accuracy
- List sequence output function
- Standard 2U model
- Intelligent temperature controlled fan for a quieter usage environment
- 9 sets of preset storage functions

Standard RS-232☑ SENSE☑

Optional LAN☐

Applications

- Prouduction line work bench routine test
- Lab and institute
- Electronic repair
- Automated equipment integration testing

Model		MTP-201	MTP-202	MTP-203	MTP-204	MTP-205	MTP-206	MTP-207
Rated output voltage		0~30V*2CH	0~30V*2CH	0~60V*2CH	0~60V*2CH	0~80V*2CH	0~150V*2CH	0~15V*2CH
Rated output current		0~20A*2CH	0~30A*2CH	0~10A*2CH	0~15A*2CH	0~11A*2CH	0~6A*2CH	0~60A*2CH
Rated output power		600W*2CH	900W*2CH	600W*2CH	900W*2CH	880W*2CH	900W*2CH	900W*2CH
Ripple		10mVrms	10mVrms	10mVrms	10mVrms	15mVrms	15mVrms	10mVrms
Rated input voltage		AC 220V±10%						
Voltage transformation method		Switching Mode Power Supply						
Load regulation rate	Voltage	≤0.1%+20mV		≤0.1%+10mV	≤0.1%+15mV	≤0.1%+10mV		≤0.1%+25mV
	Current	≤0.1%+5mA		≤0.1%+5mA	≤0.1%+5mA	≤0.1%+5mA		≤0.1%+8mA
Line regulation rate	Voltage	≤0.1%+20mV		≤0.1%+10mV	≤0.1%+15mV	≤0.1%+10mV		≤0.1%+25mV
	Current	≤0.1%+5mA		≤0.1%+5mA	≤0.1%+5mA	≤0.1%+5mA		≤0.1%+8mA
Setting resolution	Voltage	1mV						
	Current	1mA						
Settingaccuracy (25℃±5℃)	Voltage	≤0.1%+10mV						
	Current	≤0.3%+10mA						
Read back resolution	Voltage	1mV						
	Current	1mA						
Read back accuracy (25℃±5℃)	Voltage	≤0.1%+10mV						
	Current	≤0.3%+10mA						
Temperature coefficient	Operating	0 to 40℃≤85R.H.						
	Storage	-15 to 70℃≤85 R.H.						
Machine size (W*H*D)	mm	482*100*372						
Net weight	kg	9.5kg						

Multi channel DC power supply

MPD-3303S(A)/MPD-4303S



NEW

Features

- 3 or 4 independent outputs, continuously adjustable
- 6 sets of LED displays: voltage/power tothree decimal places and current to fourdecimal places
- Resolution: 1mV/0.1mA/mW
- Digital panel control (rotary codingswitch, silicone button with indicatorlight)
- Friendly user operation, coarse/fine volume control
- 4 groups save/retrieve
- Lock key function
- Output ON/OFF
- Tracking series/parallel mode"Intelligent temperature controlled fan,effectively reducing noise
- Lightweight design

Model		MPD-3303S			MPD-3303SA			MPD-4303S			
Output	Pssageway	CH1	CH2	CH3	CH1	CH2	CH3	CH1	CH2	CH3	CH4
	Voltage	0~30V	0~30V	2.5/3.3/5.0V	0~30V	0~30V	0–5V	0~30V	0~30V	0–5Vor5.001V~10V	0~5V
	Electric current	0~3A	0~3A	0~3A	0~3A	0~3A	0~3A	0~3A	0~3A	0~3Aor0~1A	0~1A
Constant voltage mode	Change rate	Voltage variation rate ≤ 0.01%+3mV Load variation rate ≤ 0.01%+3mV(rated current ≤ 3A) ≤ 0.02%+5mV(rated current>3A)									
	Ripple&Noise	1mVrms(5Hz~1MHz)									
	Recovery time	≤100 μS (load variation 50%, minimum load 0.5A)									
	Temperature coefficient	≤ 300ppm/ °C									
	Output range	0~rated voltage, continuously adjustable									
Constant current mode	Change rate	Voltage variation rate ≤ 0.2%+3mA Load variation rate ≤ 0.2%+3mA									
	ripple current	≤ 3mArms									
	Output range	0~rated current, continuously adjustable									
Tethered tracking mode	Parallel variation rate	Voltage variation rate ≤ 0.01%+3mV Load variation rate ≤0.01%+3mV (rated current ≤ 3A) ≤ 0.02%+5mV (rated current>3A)									
	Tandem variation rate	Voltage variation rate ≤ 0.01%+5mV Load variation rate ≤ 300mV Tracking error ≤ 0.5%+10mV(10-30V no-load) Connected load ≤ 300mV) ≤ 0.5%+30mV (0-9.99V no-load) Connected load ≤ 300mV									
	Tracking error	≤0.5%+10mV									
Meter header	Display	Voltage: 5 bits 0.4 "LED display Current: 5 bits 0.4" LED display Power: 5 bits 0.4 "LED display									
	Resolving power	Voltage:1mV Current: 0.1mA Power: 1mW									
	Programming accuracy (25+5°)	Voltage: + (0.03% reading+10 bits) Current: + (0.3% reading+10 bits)									
	Reading accuracy (25+5 °C)	Voltage: ±(0.03% reading+10 bits) Current: ± (0.3% reading+10 bits)									
CH3 specifications	Output voltage	(2.5V/3.3V/5V) ±8%			0–5V			0~5V/5~10V			
	Output current	3A			0–3A			0~3A/0~1A			
	Change rate (25+5 °C)	Voltage varation rate ≤ 0.01%+3mV Load variation rate ≤0.01%+3mV									
	Ripple&Noise	≤1mVrms (5Hz~1MHz)			≤1mVrms (5Hz~1MHz)			≤2mVrms (5Hz~1MHz)			
Lock key function	√										
Save/Recall	4groups										
Power Supply	AC 100V/120V/220V/230V±10%,50/60Hz										
Size&Weight	MPD-3303S(A):210*130*265mm ;About7Kg MPD-4303S: 210*130*265mm ; About 8kg										

Multi channel DC power supply

MPS-3260 series



Features

- Five groups of storage, easy to recall
- Power up to 409W
- It can save the output status and value before the last shutdown
- The adjustable range of current and voltage can be set
- One key series parallel connection
- Restore factory settings with one click
- Independent control of three channels

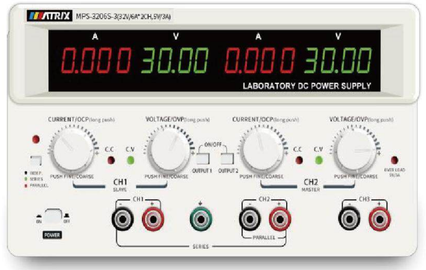
Applications

- Develop and design validation common tests
- Aging of product
- Routine electronic testing and maintenance
- Lab

Model		MPS-3263			MPS-3264			
Channel		CH1	CH2	CH3	CH1	CH2	CH3	CH4(USB)
Rated input voltage		AC220V±10% or 110v±10%						
Rated output voltage		0~32V		2.5V/3.3V/5V	0~32V		2.5V/3.3V/5V	5V
Rated output current		0~6A		3A	0~6A		3A	2A
Rated output power		399W			409W			
Load regulation rate	Voltage	< 0.1%+8mV		-	< 0.1%+8mV		-	-
	Current	< 0.1%+5mA		-	< 0.1%+5mA		-	-
Line regulaiton rate	Voltage	< 0.1%+8mV		< 0.1%+10mV	< 0.1%+8mV		< 0.1%+10mV	< 0.1%+10mV
	Current	< 0.1%+5mA		< 0.1%+5mA	< 0.1%+5mA		< 0.1%+5mA	< 0.1%+5mA
Setting accuracy	Voltage	≤0.1%+2bit		≤0.1%+2bit	≤0.1%+2bit		≤0.1%+2bit	-
	Current	≤0.5%+5mA		-	≤0.5%+5mA		-	-
Read back accuracy	Voltage	≤0.1%+2bit		≤0.1%+2bit	≤0.2%+2bit		≤0.2%+2bit	-
	Current	≤0.5%+5mA		-	≤0.5%+5mA		-	-
Read back resolution	Voltage	10mV		-	10mV		-	-
	Current	1mA		-	1mA		-	-
Ripple（5Hz~1MHz）	Voltage	≤10mVrms		≤10mVrms	≤10mVrms		≤10mVrms	≤10mVrms
	Current	≤5mArms		≤5mArms	≤5mArms		≤5mArms	≤5mArms
OVP		0~32V±0.2%FS		-	0~32V±0.2%FS		-	-
Maximum voltage		32V±0.2%		-	32V±0.2%		-	-
OCP		0~6.1A±0.2%FS		3.1A±0.1A	0~6.1A±0.2%FS		-	-
Maximum current		6.1A±0.2%		3.1A±0.1A	6.1A±0.2%		-	-
Temperature	Operating	0 ~ 40℃≤80%RH						
	Storage	-15~70℃≤80%RH						
Machine size（W*H*D）	mm	220*150*330						
Net weight	kg	3.5						
Gross weight	kg	4.3						

Triple channel DC Power Supply

MPS-S-3 Series



- One click series and parallel settings, convenient and easy to use
- Input voltage 110V/220V switching, globally applicable
- Power on state memory setting
- The buzzer can be turned off and on
- One click factory reset function

Features

- High precision display with a resolution of 10mV voltage and 1mA current
- CH1 and CH2 independent output switch control, convenient and practical
- Easily preset current without short circuit, disrupting your use
- OVP/OCP settings, fully functional
- The knob adopts an encoded switch, which is convenient and fast to use, and has anti misoperation function
- The design of the startup slow start circuit has low surge current and high practicality
- V/A can be adjusted within a range to prevent accidental operation and damage to the measured object

Model		MPS-3206S-3		MPS-3210S-3		MPS-6005S-3		MPS-8003S-3		MPS-15H02S-3	
Channel		CH1/CH2	CH3	CH1/CH2	CH3	CH1/CH2	CH3	CH1/CH2	CH3	CH1/CH2	CH3
Rated output voltage		0~32V	5V	0~32V	5V	0~60V	5V	0~80V	5V	0~150V	5V
Rated output current		0~6A	3A	0~10A	3A	0~5A	3A	0~3A	3A	0~2A	3A
Rated output power		399W		655W		615W		495W		615W	
Load regulation rate	Voltage	<0.1%+5mV		<0.1%+10mV		<0.1%+5mV		<0.1%+10mV		<0.1%+10mV	
	Current	<0.2%+3mA		<0.2%+5mA		<0.2%+3mA		<0.2%+3mA		<0.2%+3mA	
Line regulation rate	Voltage	<0.1%+5mV		<0.1%+10mV		<0.1%+5mV		<0.1%+10mV		<0.1%+10mV	
	Current	<0.2%+3mA		<0.2%+5mA		<0.2%+3mA		<0.2%+3mA		<0.2%+3mA	
Set value accuracy	Voltage	≤0.1%+1digit		≤0.1%+1digit		≤0.1%+2digits		≤0.1%+2digits		≤0.1%+2digits	
	Current	≤0.2%+3mA		≤0.2%+5mA		≤0.2%+3mA		≤0.2%+3mA		≤0.2%+3mA	
Readback value accuracy	Voltage	≤0.1%+1digit		≤0.1%+1digit		≤0.1%+2digits		≤0.1%+1digit		≤0.1%+1digit	
	Current	≤0.2%+3mA		≤0.2%+5mA		≤0.2%+3mA		≤0.2%+3mA		≤0.2%+3mA	
Readback resolution	Voltage	10mV		10mV		10mV		10mV		10mV	
	Current	1 mA		1 mA		1 mA		1 mA		1 mA	
Ripple and Noise	Voltage	≤10mVrms		≤10mVrms		≤10mVrms		≤10mVrms		≤10mVrms	
	Current	≤5mArms		≤5mArms		≤5mArms		≤5mArms		≤5mArms	
OVP		0~32V±0.2%FS		0~32V±0.2%FS		0~62V±0.2%FS		0~80V±0.2%FS		0~150V±0.2%FS	
Max voltage		32V±0.2%		32V±0.2%		62V±0.2%		80V±0.2%		150V±0.2%	
OCP		0~6.1A±0.2%FS		0~10A±0.2%FS		0~5.1A±0.2%FS		0~3.1A±0.2%FS		0~2.1A±0.2%FS	
Max current		6.1A±0.2%		10A±0.2%		5.1A±0.2%		3.1A±0.2%		2.1A±0.2%	
Temperature	Operational environment	0~40℃≤80%RH									
	Storage environment	-15~70℃≤80%RH									
Size	(W*H*D)	219*95*300 mm									
Weight	kg	4.5									

Triple channel DC power supply

MPS-H-3 Series





- One-button series and parallel independent setting, convenient and easy to use
- In series or parallel, direct display of current and voltage values, intuitive and readable
- 4 digits display, 10mV/1mA resolution
- CH1 and CH2 can be controlled independently
- Current can be pre-set without short circuit;

Optional RS232☐ RS485☐ USB☐

- Slow startup circuit design, small surge current
- USB, RS-232/485 are optional
- Current and voltage output can be set in a certain range, which can prevent misoperation from damaging the tested object
- It can save the output status and value before the last hutdown
- One click to restore factory settings

Model		MPS-3003H-3			MPS-3005H-3			MPS-3010H-3			MPS-6003H-3			MPS-6005H-3		
Rated input voltage		AC220V/110V±10%														
Channel		CH1	CH2	CH3	CH1	CH2	CH3	CH1	CH2	CH3	CH1	CH2	CH3	CH1	CH2	CH3
Rated output	Voltage	0~30V	0~30V	5V	0~30V	0~30V	5V	0~30V	0~30V	5V	0~60V	0~60V	5V	0~60V	0~60V	5V
	Current	0~3A	0~3A	3A	0~5A	0~5A	3A	0~10A	0~10A	3A	0~3A	0~3A	3A	0~5A	0~5A	3A
	Power	195W			315W			615W			375W			615W		
Load regulation rate	Voltage	≤0.01%+5mV	≤15mV		≤0.01%+5mV	≤15mV		≤0.01%+8mV	≤15mV		≤0.01%+5mV	≤15mV		≤0.01%+5mV	≤15mV	
	Current	≤0.1%+5mA	-		≤0.1%+5mA	-		≤0.1%+5mA	-		≤0.1%+5mA	-		≤0.1%+5mA	-	
Line regulation rate	Voltage	≤0.01%+5mV	-		≤0.01%+5mV	-		≤0.01%+8mV	-		≤0.01%+5mV	-		≤0.01%+5mV	-	
	Current	≤0.1%+5mA	-		≤0.1%+5mA	-		≤0.1%+5mA	-		≤0.1%+5mA	-		≤0.1%+5mA	-	
Set resolution	Voltage	10mV	-		10mV	-		10mV	-		10mV	-		10mV	-	
	Current	1mA	-		1mA	-		1mA	-		1mA	-		1mA	-	
Readback resolution	Voltage	10mV	-		10mV	-		10mV	-		10mV	-		10mV	-	
	Current	1mA	-		1mA	-		1mA	-		1mA	-		1mA	-	
Set value accuracy	Voltage	≤0.03%+10mV	-		≤0.03%+10mV	-		≤0.03%+10mV	-		≤0.03%+10mV	-		≤0.03%+10mV	-	
	Current	≤0.1%+5mA	-		≤0.1%+5mA	-		≤0.1%+5mA	-		≤0.1%+5mA	-		≤0.1%+5mA	-	
Readback value accuracy	Voltage	≤0.03%+10mV	-		≤0.03%+10mV	-		≤0.03%+10mV	-		≤0.03%+10mV	-		≤0.03%+10mV	-	
	Current	≤0.1%+5mA	-		≤0.1%+5mA	-		≤0.1%+5mA	-		≤0.1%+5mA	-		≤0.1%+5mA	-	
Parallel mode	Power effect	≤0.01%+5mV	-		≤0.01%+5mV	-		≤0.02%+8mV	-		≤0.02%+5mV	-		≤0.02%+5mV	-	
	Load effect	≤0.01%+5mV	-		≤0.02%+5mV	-		≤0.02%+8mV	-		≤0.02%+5mV	-		≤0.02%+5mV	-	
Series mode	Power effect	≤0.01%+5mV	-		≤0.01%+5mV	-		≤0.01%+8mV	-		≤0.01%+5mV	-		≤0.01%+5mV	-	
	Load effect	≤0.01%+5mV	-		≤0.02%+5mV	-		≤0.01%+8mV	-		≤0.01%+5mV	-		≤0.01%+5mV	-	
Ripple and Noise	Voltage	≤2mV(rms)														
	Current	≤5mA(rms)														
Working temperature		0~40℃≤80%RH														
Size (W*H*D)	mm	250*150*330														
Weight	kg	8			9			12			9			9		

*** If with interface, the model NO. will be changed to MPS-H-3C, for example, MPS-3010H-3C means it has RS-232,RS-485 and USB.**

Triple channel DC power supply

MPS-X/XP Series





- 3ch voltage is continuously adjustable at rated voltage and 3ch voltage and current are displayed simultaneously
- Intelligent temperature controlled fan to reduce the noise
- Serial/ Parallel/ Track mode
- Low ripple and noise
- Can be calibrated and monitored through computers
- With SENSE function, can compensate voltage drop on the line
- Output time can be set(0.1s~3600s)
- Output controlled by a switch
- 40 groups of storage can be quickly recalled

Standard SENSEt☑ RS232☑ USB ☑ Optional LAN☐

Applications

- Production line work bench routine test
- Lab and institute
- Electronic repair
- Automated equipment integration testing

Model		MPS-3033X	MPS-3063X	MPS-6033X	MPS-3033XP	MPS-3063XP	MPS-6033XP
Rated input voltage		AC220V/110V±10%					
Rated output	Voltage	0~30V*2/0~6V*1	0~30V*2/0~6V*1	0~60V*2/0~6V*1	0~30V*3	0~30V*3	0~60V*3
	Current	0~3A*2/0~3A*1	0~6A*2/0~3A*1	0~3A*2/0~3A*1	0~3A*3	0~6A*3	0~3A*3
	Power	198W	378W	378W	270W	540W	540W
Load regulation rate	Voltage	≤0.01%+3mV					
	Current	≤0.01%+3mA					
Line regulation rate	Voltage	≤0.01%+3mV					
	Current	≤0.01%+3mA					
Set resolution	Voltage	1mV					
	Current	1mA					
Readback resolution	Voltage	1mV					
	Current	1mA					
Set value accuracy	Voltage	≤0.03%+10mV					
	Current	≤0.1%+5mA	≤0.1%+8mA	≤0.1%+5mA	≤0.1%+5mA	≤0.1%+8mA	≤0.1%+5mA
Readback value accuracy	Voltage	≤0.03%+10mV					
	Current	≤0.1%+5mA	≤0.1%+8mA	≤0.1%+5mA	≤0.1%+5mA	≤0.1%+8mA	≤0.1%+5mA
Ripple and noise	Voltage (rms)	≤2mVrms					
	Current	≤5mArms					
Series / parallel set -point value accuracy	Voltage	≤0.02%+5mV	≤0.02%+10mV	≤0.02%+5mV	≤0.02%+10mV	≤0.02%+10mV	≤0.02%+5mV
	Current	≤0.1%+30mA					
Storage	Storage/Call	40 groups					
	Function	timed output off					
Timer	Time set	0.1s~3600s					
	Resolution	0.1s					
Interface		RS232,USB					
Working temperature		0~40℃					
Equipment size (W*H*D)	mm	255*110*380	255*110*380	255*110*380	255*110*470	255*110*470	255*110*470
Packing size (W*H*D)	mm	325*210*475	325*210*475	325*210*475	325*210*595	325*210*595	325*210*595
N.W	kg	8.5	8.5	8.5	11	11	11
G.W	kg	10	10	10	13	13	13

Triple channel DC power supply

MPS-F Series



Multiple programmable DC power supplies with high resolution, precision, and stability, as well as overvoltage and overheating protection functions, providing series and parallel operation modes, with a resolution of up to 1mV/1mA

Standard SENSE ☑ USB ☑ RS-232☑

Optional LAN☐

Features

- Three outputs with simultaneous display of three voltages and currents
- The resolution of 1mV1mA meets most usage needs
- Linear power supply, low ripple and low noise, fast response
- 40 sets of data saving and calling functions, convenient for you to use
- Both front and rear panels have output electronics for convenient desktop and cabinet use
- Remote voltage compensation function ensures usage accuracy
- Intelligent temperature controlled fan, providing you with a quiet working environment
- Each output has an independent output switch, allowing for easy control
- Time setting function
- Supports negative voltage output

Model		MPS-3033F			MPS-3063F			MPS-6033F		
Channel		CH1	CH2	CH3	CH1	CH2	CH3	CH1	CH2	CH3
Rated output	Volatge	0~30V	-30~0V	0~6V	0~30V	-30~0V	0~6V	0~60V	-30~0V	0~6V
	Current	0~3A	0~3A	0~3A	0~6A	0~6A	0~3A	0~3A	0~3A	0~3A
Load regulation rate	Volatge	≤0.01%+3mV								
	Current	≤0.01%+3mA								
Line regulation rate	Volatge	≤0.01%+3mV								
	Current	≤0.01%+3mA								
Set resolution	Volatge	1mV								
	Current	1mA								
Readback resolution	Volatge	1mV								
	Current	1mA								
Setting accuracy	Volatge	≤0.03%+10mV								
	Current	≤0.1%+5mA			≤0.1%+8mA			≤0.1%+5mA		
Readback resolution	Volatge	≤0.03%+10mV								
	Current	≤0.1%+5mA			≤0.1%+8mA			≤0.1%+5mA		
Ripple and noise	Volatge	≤2mV(rms)								
	Current	≤5mA(rms)								
Series/parallel setting accuracy	Volatge	≤0.02%+5mA			≤0.02%+10mV			≤0.02%+5mA		
	Current	≤0.1%+30mA								
Memory	Store/recall	40 groups								
	Function	Timed output shutdown								
Timer	Time setting	0.1s~3600s								
	Resolution	0.1s								
Working environment		0~40℃								
Produuct size (W*H*D)	mm	255*110*380								
Packing size (W*H*D)	mm	325*210*475								
Net weight	kg	8.5			11			11		
Gross weight	kg	10			12.5			12.5		

Four channel DC power supply

MFP-2000 Series

CE



Features

- List sequence output function
- 4 in 1 easy to install and occupies a small space
- Each channel is independently adjustable and isolated from each other
- Voltage compensation function ensures accuracy
- Intelligent temperature controlled fan for quieter usage environment
- Voltage and current range setting function
- Button sound on/off function

Applications

- Production line work bench routine test
- Lab and institute
- Electronic repair
- Automated equipment integration testing

Standard RS-232 ☑ SENSE ☑

Optional LAN☐

Model		MFP-2001	MFP-2002	MFP-2003	MFP-2004
Rated input voltage		AC 110V/220V±10%			
Rated output voltage		0~32V*4CH	0~32V*4CH	0~60V*4CH	0~150V*4CH
Rated output current		0~6A*4CH	0~10A*4CH	0~5A*4CH	0~2A*4CH
Rated output Power		192W*4CH	320W*4CH	300W*4CH	300W*4CH
Transformer mode		Switching power supply			
Load regulation rate	Voltage	≤0.02%+5mV	≤0.02%+8mV	≤0.02%+5mV	≤0.02%+5mV
	Current	≤0.02%+5mA	≤0.02%+5mA	≤0.02%+5mA	≤0.02%+5mA
Line regulation rate	Voltage	≤0.02%+5mV	≤0.02%+8mV	≤0.02%+5mV	≤0.02%+5mV
	Current	≤0.02%+5mA	≤0.02%+5mA	≤0.02%+5mA	≤0.02%+5mA
Set value resolution	Voltage	1mV	1mV	1mV	1mV
	Current	0.1mA	0.1mA	0.1mA	0.1mA
Setting accuracy (25℃±5℃)	Voltage	≤0.1%+8mV	≤0.1%+8mV	≤0.1%+8mV	≤0.1%+8mV
	Current	≤0.2%+2mA	≤0.2%+2mA	≤0.2%+2mA	≤0.2%+2mA
Read back resolution	Voltage	1mV	1mV	1mV	1mV
	Current	0.1mA	0.1mA	0.1mA	0.1mA
Readback accuracy (25℃±5℃)	Voltage	≤0.1%+8mV	≤0.1%+8mV	≤0.1%+8mV	≤0.1%+8mV
	Current	≤0.2%+2mA	≤0.2%+2mA	≤0.2%+2mA	≤0.2%+2mA
Ripple	Voltage	≤8mV(rms)	≤8mV(rms)	≤10mV(rms)	≤10mV(rms)
	Current	≤3mA(rms)	≤5mA(rms)	≤3mA(rms)	≤3mA(rms)
Temperature	Operational environment	0 ~ 40 ℃ ≤ 80% RH			
	Storage environment	-15 ~ 70 ℃ ≤ 80% RH			
Interface	Standard	RS232			
Size(W*H*D)	mm	440*90*340			
Net weight	kg	9kg			

Four channel DC power supply

MFP-2005 Series

NEW



Features

- Voltage and current can be set through a numeric keypad and knob
- Resolution of 1mV voltage and 1mA current
- Four independent adjustable channels, isolated from each other
- Voltage compensation function ensures accuracy
- List sequence output function
- Intelligent temperature controlled fan for a quieter usage environment
- 9 sets of preset storage functions

Standard RS-232☑ SENSE☑

Optional LAN☐

Applications

- Prouduction line work bench routine test
- Lab and institute
- Electronic repair
- Automated equipment integration testing

Model		MFP-2005	MFP-2006	MFP-2007	MFP-2008	MFP-2009	MFP-2010	MFP-2011
Rated output voltage		0~30V*4CH	0~30V*4CH	0~60V*4CH	0~60V*4CH	0~80V*4CH	0~150V*4CH	0~15V*4CH
Rated output current		0~20A*4CH	0~30A*4CH	0~10A*4CH	0~15A*4CH	0~11A*4CH	0~6A*4CH	0~60A*4CH
Rated output power		600W*4CH	900W*4CH	600W*4CH	900W*4CH	880W*4CH	900W*4CH	900W*4CH
Ripple		10mVrms	10mVrms	10mVrms	10mVrms	15mVrms	15mVrms	10mVrms
Rated input voltage		AC 220V±10%						
Voltage transformation method		Switching Mode Power Supply						
Load regulation rate	Voltage	≤0.1%+20mV		≤0.1%+10mV	≤0.1%+15mV	≤0.1%+10mV		≤0.1%+25mV
	Current	≤0.1%+5mA		≤0.1%+5mA	≤0.1%+5mA	≤0.1%+5mA		≤0.1%+8mA
Line regulation rate	Voltage	≤0.1%+20mV		≤0.1%+10mV	≤0.1%+15mV	≤0.1%+10mV		≤0.1%+25mV
	Current	≤0.1%+5mA		≤0.1%+5mA	≤0.1%+5mA	≤0.1%+5mA		≤0.1%+8mA
Setting resolution	Voltage	1mV						
	Current	1mA						
Settingaccuracy (25°C±5°C)	Voltage	≤0.1%+10mV						
	Current	≤0.3%+10mA						
Read back resolution	Voltage	1mV						
	Current	1mA						
Read back accuracy (25°C±5°C)	Voltage	≤0.1%+10mV						
	Current	≤0.3%+10mA						
Temperature coefficient	Operating	0 to 40℃≤85R.H.						
	Storage	-15 to 70℃≤85 R.H.						
Machine size (W*H*D)	mm	482*190*372						
Net weight	kg	18						

Four channel DC power supply

MFP-4000 Series



Features

- List sequence output function
- 4 in 1 easy to install and occupies a small space
- Wide range output, rated power 300W 80V/10A
- Each channel is independently adjustable and isolated from each other
- Intelligent temperature controlled fan for quieter usage environment
- Panel operation, convenient for single machine use
- Voltage and current range setting function
- Button sound on/off function

Standard RS-232 ☑ SENSE ☑

Optional LAN☐

Applications

- Production line work bench routine test
- Lab and institute
- Electronic repair
- Automated equipment integration testing

Model		MFP-4001	MFP-4002	MFP-4003
Rated input voltage		AC 110V/220V±10%		
Rated output power		150W*4CH	300W*4CH	300W*4CH
Rated output voltage		0~80V*4CH	0~80V*4CH	0~150V*4CH
Rated output current		0~6A*4CH	0~10A*4CH	0~5A*4CH
Transformer mode		Switching power supply		
Load regulation rate	Voltage	≤0.02%+5mV		
	Current	≤0.02%+5mA		
Line regulation rate	Voltage	≤0.02%+5mV		
	Current	≤0.02%+5mA		
Set value resolution	Voltage	1mV		
	Current	0.1mA		
Setting accuracy (25℃±5℃)	Voltage	≤0.1%+8mV		
	Current	≤0.2%+2mA		
Read back resolution	Voltage	1mV		
	Current	0.1mA		
Readback accuracy (25℃±5℃)	Voltage	≤0.1%+8mV		
	Current	≤0.2%+2mA		
Ripple	Voltage	≤8mV(rms)		
	Current	≤3mA(rms)		
Temperature	Operational environment	0 ~ 40 ℃ ≤ 80% RH		
	Storage environment	-15 ~ 70 ℃ ≤ 80% RH		
Interface	Standard	RS232		
Size(W*H*D)	mm	440*90*340		
Net weight	kg	9kg		

Four channel DC power supply

MFP-4800 Series



Standard RS-232☑ SENSE☑ Optional LAN☐

Features

- There are two ways to set: voltage and current, using a numeric keypad and knob adjustment
- Resolution of 1mV voltage and 1mA current
- Four independent adjustable channels, isolated from each other
- Voltage compensation function ensures accuracy
- List sequence output function
- Standard 2U model
- Intelligent temperature controlled fan, quieter operating environment
- 9 preset storage functions

Model		MFP-4801	MFP-4802	MFP-4803	MFP-4804	MFP-4805	MFP-4806	MFP-4807
AC input	Number of phases	Iph + N + PE						
	Voltage	220VAC ± 10%						
	Frequency	45 ~ 66Hz						
	Power factor	≥0.99						
DC output	Voltage	0 ~ 40V * 4CH	0 ~ 80V * 4CH	0 ~ 200V * 4CH	0 ~ 360V * 4CH	0 ~ 500V * 4CH	0 ~ 800V * 4CH	0 ~ 1000V * 4CH
	Current	0 ~ 60A * 4CH	0 ~ 30A * 4CH	0 ~ 12.5A * 4CH	0 ~ 7.5A * 4CH	0 ~ 5A * 4CH	0 ~ 3A * 4CH	0 ~ 2.5A * 4CH
	Power	0 ~ 800W * 4CH						
	Efficiency	≤89%	≤91%	≤91%	≤91%	≤91%	≤91%	≤91%
Programming accuracy	Voltage	≤ ± (0.05% + 0.04% FS)						
	Current	≤ ± (0.15% +0.1% FS)						
	Power	≤ ± 0. 8% ES						
Readback accuracy	Voltage	≤ ± (0.05% + 0.04% FS)						
	Current	≤ ± (0.15% +0.1% FS)						
	Power	≤ ± 0. 8% FS						
Ripple and noise	RMS (20Hz-300kHz	15mVrms	20mVrms	30mVrms	60mVrms	75mVrms	120mVrms	150mVrms
	P-P (20Hz-20MHz)	150mVpp	200mVpp	270mVpp	375mVpp	480mVpp	780mVpp	820mVpp
Source effect	Voltage	≤ 0.02% FS (± 10% AUAc Input)						
	Current	≤ 0.05% FS (± 10% AUAc Input)						
Load effect	Voltage	≤ 0.05% FS (load regulation ratio of 0-100%)						
	Current	≤ 0. 15% FS (load regulation ratio of 0-100% Uoc)						
Dynamic response time	Load adjustment time	≤ 2 ms (load adjustment from 10-100%)						
	Output voltage rise time	Max 30 ms (10 ~ 90% Full scale)						
	No-load voltage drop time	240ms						
	Full load voltage drop time	20ms						
Protection function		OTP, OVP, OCP, OPP, PF						
Communication interface		RS485 communication interface						
Work Environment		Working temperature: 0 ~ 50 ℃, humidity: < 80%, no condensation, storage temperature:-20 ~ 70 ℃, altitude: < 2000m						
Isolation withstand voltage		1000 VDC (output to earth)						

Four channel DC power supply

MPS-4 Series



- 4 in 1,easy to install and takes up small space
- Each channel is independently adjustable and isolated from each other
- Voltage compensation function to ensure accuracy
- Linear power supply, low ripple
- Panel operation, it is convenient to be used independently

Standard SENSE ☑ RS-232 ☑ Optional LAN☐

Model		MPS-3054	MPS-30104	MPS-6034	MPS-6054
Rated input voltage		AC220V/110V±10%			
Rated output voltage		0~30V*4CH	0~30V*4CH	0~60V*4CH	0~60V*4CH
Rated output current		0~5A*4CH	0~10A*4CH	0~3A*4CH	0~5A*4CH
Rated output power		600W	1200W	720W	1200W
Transformation method		Linear power supply			
Load regulation rate	Voltage	≤0.02%+5mV			
	Current	≤0.02%+5mA			
Line regulation	Voltage	≤0.02%+5mV			
	Current	≤0.02%+5mA			
Set value resolution	Voltage	1mV			
	Current	0.1mA			
Setting accuracy (25℃±5℃)	Voltage	≤0.05%+5digits			
	Current	≤0.05%+2mA			
Readback resolution	Voltage	1mV			
	Current	0.1mA			
Readback accuracy	Voltage	≤0.05%+5digits			
	Current	≤0.05%+2mA			
Ripple and noise	Voltage	≤2mV(rms)	≤5mV(rms)	≤2mV(rms)	≤2mV(rms)
	Current	≤5mA(rms)	≤5mA(rms)	≤5mA(rms)	≤5mA(rms)
Temperature Coefficient	Operating environment	0 ~ 40 ℃ ≤ 80% RH			
	Storage environment	-15 ~ 70 ℃ ≤ 80% RH			
Interface	Standard	RS232			
Size (W*H*D)	mm	480*142*370			
weight	kg	23	28	23	28

Four channel DC power supply

MPS-4A Series



Features

- 4 in 1,easy to install and takes up small space
- Each channel is independently adjustable and isolated from each other
- Voltage compensation function to ensure accuracy
- Linear power supply, low ripple
- Panel operation, it is convenient to be used independently
- Different specifications can be combined arbitrarily

Standard RS-232 ☑ SENSE ☑ Optional LAN☐

Model		MPS-3034A	MPS-3054A	MPS-6034A
Rated input voltage		AC220V±10%		
Rated output voltage		0~30V*4CH	0~30V*4CH	0~60V*4CH
Rated output current		0~3A*4CH	0~5A*4CH	0~3A*4CH
Rated output power		360W	600W	720W
Transformation method		Linear power supply		
Load regulation rate	Voltage	≤0.02%+5mV		
	Current	≤0.02%+5mA		
Line regulation	Voltage	≤0.02%+5mV		
	Current	≤0.02%+5mA		
Set value resolution	Voltage	1mV		
	Current	0.1mA		
Setting accuracy (25℃±5℃)	Voltage	≤0.05%+5digits		
	Current	≤0.2%+2mA		
Readback resolution	Voltage	1mV		
	Current	0.1mA		
Readback accuracy	Voltage	≤0.05%+5digits		
	Current	≤0.2%+2mA		
Ripple and noise	Voltage	3mVrms		
	Current	3mArms		
Temperature Coefficient	Operating environment	0 ~ 40 ℃ ≤ 80% RH		
	Storage environment	-15 ~ 70 ℃ ≤ 80% RH		
Interface	Standard	RS232		
Size（W*H*D)	mm	440*90*340		
weight	kg	25	22	25

Multi channel DC power supply

MFP-3000 Series



Features

- 4-channel and maximum total output power of 384W
- Each channel has a rated maximum power of 160W, a maximum output voltage of 32V, and a maximum output current of 10A
- List sequence output function
- Synchronous output, in synchronous mode, if any parameter is changed, the corresponding parameters of other channels will also change proportionally
- Electronic fuses. Limits for all protection functions can be configured separately for each channel, and the delay time of electronic fuses can be set
- Simulate battery charging curve function
- Remote voltage compensation function to ensure usage accuracy
- All channels have overload and short circuit protection
- OCP/OVP/OTP protection function
- Widely used in laboratory and ATE applications

Standard RS-232 ☑ USB☑ SENSE☑ Optional LAN ☐

Model		MFP-3003	MFP-3004
Rated input voltage		AC 110V/220V±10%	
Ouput		All channel outputs are currently isolated and ungrounded	
Rated output power		160W*3CH	160W*4CH
Rated output voltage		0-32V*3CH	0-32V*4CH
Rated output current		0-10A*3CH	0-10A*4CH
Variable pressure mode		Linear power supply	Linear power supply
Maximum voltage when connected in series		96V	128V
Maximum current when connected in parallel		30A	40A
Load regulation rate	Voltage	≤0.01 % + 2 mV	
	Current	≤0.01 % + 250 μA	
Power supply regulation	Voltage	≤0.01% + 2 mV	
	Current	≤0.01% + 250 μA	
Set value resolution	Voltage	1mV	
	Current	< 1 A: 0.2mA; ≥ 1 A: 1 mA	
Setting accuracy (25℃±5℃)	Voltage	≤0.05% + 5 mV	
	Current	≤ 0.1% + 5 mA	
Readback value resolution	Voltage	1mV	
	Current	< 1 A: 0.2mA; ≥ 1 A: 1 mA	
Readback accuracy (25℃±5℃)	Voltage	≤0.05% + 5 mV	
	Current	≤ 0.1% + 2 mA	
Ripple(20Hz-20MHz)	Voltage	≤1.5 mV (RMS)	
	Current	≤1 mA (RMS)	
Temperature	Operational environment	5 to 40℃≤ 80% R.H	
	Storage environment	-20 to 70℃≤ 80% R.H	
Sense compensate	Maximum voltage compensation	1V	
Remote communication time	Handling	< 50 ms	
Electronic fuse	Response time	< 10 ms	
	Fuse delay	0 ms to 250 ms (10 ms step)	
Interface	Standard	RS-232+USB	
	Optional	LAN	
Size(W*H*D，mm)	mm	285 × 136 × 405	
Net weight	kg	14kg	

Five channel DC power supply

MPS-5 Series





- 5 in 1, easy installation, small volume;
- Five channels are isolated
- Voltage compensation function improves accuracy
- 1mV/0.1mA high resolution
- Linear power supply, low ripple and noise
- Panel operation, it is convenient to be used independently
- Different specifications can be combined arbitrarily

Standard SENSE ☑ RS-232 ☑

Optional LAN☐

Model		MPS-3035	MPS-3055	MPS-6035
Rated input voltage		AC220V/110V±10%		
Rated output voltage		0~30V*5CH	0~30V*5CH	0~60V*5CH
Rated output current		0~3A*5CH	0~5A*5CH	0~3A*5CH
Rated output power		450W	750W	900W
Transformation method		Linear power supply		
Load regulation rate	Voltage	≤0.02%+5mV		
	Current	≤0.02%+5mA		
Line regulation rate	Voltage	≤0.02%+5mV		
	Current	≤0.02%+5mA		
Set value resolution	Voltage	1mV		
	Current	0.1mA		
Setting accuracy (25℃±5℃)	Voltage	≤0.05%+5digits		
	Current	≤0.05%+2mA		
Readback resolution	Voltage	1mV		
	Current	0.1mA		
Readback accuracy	Voltage	≤0.05%+5digits		
	Current	≤0.05%+2mA		
Ripple and noise	Voltage	≤2mV(rms)		
	Current	≤5mA(rms)		
Temperature Coefficient	Operating environment	0 ~ 40 ℃ ≤ 80% RH		
	Storage environment	-15 ~ 70 ℃ ≤ 80% RH		
Interface	Standard	RS232		
Size (W*H*D)	mm	480*142*370		
weight	kg	25		

High-Power DC Power Supply

MPS-P Series





Features

- Sequence output function, convenient and easy to use.
- Data memory function, convenient and quick to call
- Slow-start circuit design for start-up has low surge current and high practicability
- The current can be easily preset without short circuit, subverting your use
- V/A can be set to adjust within an interval to prevent misoperation from damaging the measured object
- Power-on state memory settings
- The buzzer can be turned off and on
- One key to restore factory settings

Standard SENSE ☑ RS-232☑

Model		MPS-3030P	MPS-3040P	MPS-3050P	MPS-5030P	MPS-6020P
Input voltage		AC 220V/110V±10% 50Hz/60Hz				
Rated output	Voltage	0~30V	0~30V	0~30V	0~50V	0~60V
	Current	0~30A	0~40A	0~50A	0~30A	0~20A
	Power	900W	1200W	1500W	1500W	1200W
Load regulation rate	Voltage	≤0.02%+15mV	≤0.02%+15mV	≤0.02%+15mV	≤0.02%+15mV	≤0.02%+15mV
	Current	≤0.2%+10mA	≤0.2%+10mA	≤0.2%+10mA	≤0.2%+10mA	≤0.2%+10mA
Line regulation rate	Voltage	≤0.02%+15mV	≤0.02%+15mV	≤0.02%+15mV	≤0.02%+15mV	≤0.02%+15mV
	Current	≤0.2%+10mA	≤0.2%+10mA	≤0.2%+10mA	≤0.2%+10mA	≤0.2%+10mA
Set resolution	Voltage	1mV	1mV	1mV	1mV	1mV
	Current	1mA	1mA	1mA	1mA	1mA
Setting accuracy	Voltage	≤0.01%+10mV	≤0.01%+10mV	≤0.01%+10mV	≤0.01%+10mV	≤0.01%+10mV
	Current	≤0.1%+5mA	≤0.1%+5mA	≤0.1%+5mA	≤0.1%+50mA	≤0.1%+5mA
Readback resolution	Voltage	1mV	1mV	1mV	1mV	1mV
	Current	1mA	1mA	1mA	10mA	1mA
Readback accuracy	Voltage	≤0.01%+10mV	≤0.01%+10mV	≤0.01%+10mV	≤0.01%+10mV	≤0.01%+10mV
	Current	≤0.1%+5mA	≤0.1%+5mA	≤0.1%+5mA	≤0.1%+50mA	≤0.1%+5mA
Ripple and noise	Voltage	≤10mV(rms)				
	Current	≤10mA(rms)				
Working environment		0~40℃ ≤80%RH				
Dimensions (WxHxD)	cm	480*142*370				
Weight	kg	22	24	25	22	25

High-Power DC Power Supply

MPS-1800S Series



Features

- Simultaneous five digit display of voltage and current, precise and easy to use
- Adopting PWM modulation and high gain amplification circuit design, stable and reliable
- The panel has preset buttons that can preset voltage and current values
- Complete protection functions: OVP、OCP、OTP、Short circuit protection
- Key lock function
- Key components are imported to ensure long-term full load operation
- Remote voltage compensation function ensures usage accuracy

Standard RS–232/RS–485 ☑ SENSE ☑

Optional Analog signal interface ☐

Model		Voltage	Current	Power
MPS-1800S-30-60		0-30.000V	0-60.000A	1800W
MPS-1800S-60-30		0-60.000V	0-30.000A	1800W
MPS-1800S-100-18		0-100.00V	0-18.000A	1800W
MPS-1800S-150-12		0-150.00V	0-12.000A	1800W
MPS-1800S-200-9		0-200.00V	0-9.0000A	1800W
MPS-1800S-300-6		0-300.00V	0-6.0000A	1800W
AC input	Single phase	AC220V±10%，50Hz		
DC output	Output voltage	0V - rating		
	Output current	0A - rating		
	Output power	0W - rating		
Load regulation	Voltage	≤0.1%F.S+0.1%F.S		
	Current	≤0.1%F.S+0.1%F.S		
Setting value accuracy	Voltage	≤0.1%F.S+0.1%F.S		
	Current	≤0.1%F.S+0.1%F.S		
Readback value accuracy	Voltage	≤0.1%F.S+0.1%F.S		
	Current	≤0.1%F.S+0.1%F.S		
Ripple(20Hz-20MHz)	Voltage	Vrms≤0.2%F.S+50mV		
Dynamic response time(10% -90% load)		≤5mS		
Display method		4 and a half digit meter (LED digital tube display)		
Display resolution		Voltage0.001V/0.01V/0.1V,Current0.001A/0.01A/0.1A		
Interface		RS232/RS485		
Functional protection		OVP, OCP, OTP, Short circuit protection		
Heat dissipation method		Adopting PWM speed regulating fan, air-cooled		
Operating environment		Temperature 0 ℃ -40 ℃; Humidity 10% -85% RH		
Environment		Temperature -20 ℃ -70 ℃; Humidity 10% -90% RH		
Size（mm)		215×360×88（W*D*H mm)		
Weight（kg)		5.5KG		
Note		The power cord and output cables are optional		

High-Power DC Power Supply

MPS-3600S Series



Features

- Simultaneous five digit display of voltage and current, precise and easy to use
- Adopting PWM modulation and high gain amplification circuit design, stable and reliable
- The panel has preset buttons that can preset voltage and current values
- Complete protection functions: OVP、OCP、OTP、Short circuit protection
- Key lock function
- Key components are imported to ensure long-term full load operation
- Remote voltage compensation function ensures usage accuracy

Standard RS–232/RS–485 ☑ SENSE ☑

Optional Analog signal interface ☐

Model		Voltage	Current	Power
MPS-3600S-30-120		0-30.000V	0-120.00A	3600W
MPS-3600S-60-60		0-60.000V	0-60.000A	3600W
MPS-3600S-100-36		0-100.00V	0-36.000A	3600W
MPS-3600S-150-24		0-150.00V	0-24.000A	3600W
MPS-3600S-200-18		0-200.00V	0-18.000A	3600W
MPS-3600S-300-12		0-300.00V	0-12.000A	3600W
MPS-3600S-600-6		0-600.00V	0-6.0000A	3600W
AC input	Single phase	AC220V±10%，50Hz		
DC output	Output voltage	0V - rating		
	Output current	0A - rating		
	Output power	0W - rating		
Load regulation	Voltage	≤0.1%F.S+0.1%F.S		
	Current	≤0.1%F.S+0.1%F.S		
Setting value accuracy	Voltage	≤0.1%F.S+0.1%F.S		
	Current	≤0.1%F.S+0.1%F.S		
Readback value accuracy	Voltage	≤0.1%F.S+0.1%F.S		
	Current	≤0.1%F.S+0.1%F.S		
Ripple(20Hz-20MHz)	Voltage	Vrms≤0.2%F.S+50mV		
Dynamic response time(10% -90% load)		≤5mS		
Display method		4 and a half digit meter (LED digital tube display)		
Display resolution		Voltage0.001V/0.01V/0.1V,Current0.001A/0.01A/0.1A		
Interface		RS232/RS485		
Functional protection		OVP, OCP, OTP, Short circuit protection		
Heat dissipation method		Adopting PWM speed regulating fan, air-cooled		
Operating environment		Temperature 0 ℃ -40 ℃; Humidity 10% -85% RH		
Environment		Temperature -20 ℃ -70 ℃; Humidity 10% -90% RH		
Size（mm)		215×400×88（W*D*H mm)		
Weight（kg)		7.5KG		
Note		The power cord and output cables are optional		

High-Power DC Power Supply

MPS-6000S Series



Standard RS-232 ☑ RS-485 ☑ SENSE ☑

Optional Analog signal interface ☐

Features

- Simultaneous five digit display of voltage and current, precise and easy to use
- Adopting PWM modulation and high gain amplification circuit design, stable and reliable
- The panel has preset buttons that can preset voltage and current values
- Complete protection functions: OVP、OCP、OTP、Short circuit protection
- Key lock function
- Key components are imported to ensure long-term full load operation
- Remote voltage compensation function ensures usage accuracy

Model	Voltage	Current	Power
MPS-6000S-30-200	0-30.000V	0-200.00A	6000W
MPS-6000S-60-100	0-60.000V	0-100.00A	6000W
MPS-6000S-100-60	0-100.00V	0-60.000A	6000W
MPS-6000S-150-40	0-150.00V	0-40.000A	6000W
MPS-6000S-200-30	0-200.00V	0-30.000A	6000W
MPS-6000S-300-20	0-300.00V	0-20.000A	6000W
MPS-6000S-600-10	0-600.00V	0-10.000A	6000W
MPS-6000S-1000-6	0-1000.0V	0-6.0000A	6000W
MPS-6000S-1200-5	0-1200.0V	0-5.0000A	6000W
MPS-6000S-2000-2	0-2000.0V	0-2.0000A	2000W

AC input		Uniphase: AC220V±10%，50Hz
DC output	Output voltage	0V - rating
	Output current	0A - rating
	Output power	0W - rating
Load regulation	Voltage	≤0.1%F.S+0.1%F.S
	Current	≤0.1%F.S+0.1%F.S
Setting value accuracy	Voltage	≤0.1%F.S+0.1%F.S
	Current	≤0.1%F.S+0.1%F.S
Readback value accuracy	Voltage	≤0.1%F.S+0.1%F.S
	Current	≤0.1%F.S+0.1%F.S
Ripple(20Hz-20MHz)	Voltage	Vrms≤0.2%F.S+50mV
Dynamic response time(10% -90% load)		≤5mS
Display method		4 and a half digit meter (LED digital tube display)
Display resolution		Voltage0.001V/0.01V/0.1V,Current0.001A/0.01A/0.1A
Interface		RS232/RS485
Functional protection		OVP, OCP, OTP, Short circuit protection
Heat dissipation method		Adopting PWM speed regulating fan, air-cooled
Operating environment		Temperature 0 ℃ -40 ℃; Humidity 10% -85% RH
Environment		Temperature -20 ℃ -70 ℃; Humidity 10% -90% RH
Size（mm）		430×500×88（W*D*H mm）
Weight（kg）		16KG
Note		The power cord and output cables are optional

High-Power DC Power Supply

MPS-7500S Series



Standard RS-232 ☑ RS-485 ☑ SENSE ☑

Optional Analog signal interface ☐

Features

- Simultaneous five digit display of voltage and current, precise and easy to use
- Adopting PWM modulation and high gain amplification circuit design, stable and reliable
- The panel has preset buttons that can preset voltage and current values
- Complete protection functions: OVP、OCP、OTP、Short circuit protection
- Key lock function
- Key components are imported to ensure long-term full load operation
- Remote voltage compensation function ensures usage accuracy

Model	Voltage	Current	Power
MPS-7500S-30-250	0-30.000V	0-250.00A	7500W
MPS-7500S-60-125	0-60.000V	0-125.00A	7500W
MPS-7500S-100-75	0-100.00V	0-75.000A	7500W
MPS-7500S-150-50	0-150.00V	0-50.000A	7500W
MPS-7500S-200-36	0-200.00V	0-36.000A	7200W
MPS-7500S-300-25	0-300.00V	0-25.000A	7500W
MPS-7500S-600-12	0-600.00V	0-12.000A	7200W
MPS-7500S-1500-5	0-1500.0V	0-5.0000A	7500W

AC input	Three-phase	AC380V±10%，50Hz
DC output	Output voltage	0V - rating
	Output current	0A - rating
	Output power	0W - rating
Load regulation	Voltage	≤0.1%F.S+0.1%F.S
	Current	≤0.1%F.S+0.1%F.S
Setting value accuracy	Voltage	≤0.1%F.S+0.1%F.S
	Current	≤0.1%F.S+0.1%F.S
Readback value accuracy	Voltage	≤0.1%F.S+0.1%F.S
	Current	≤0.1%F.S+0.1%F.S
Ripple(20Hz-20MHz)	Voltage	Vrms≤0.2%F.S+50mV
Dynamic response time(10% -90% load)		≤5mS
Display method		4 and a half digit meter (LED digital tube display)
Display resolution		Voltage0.001V/0.01V/0.1V,Current0.001A/0.01A/0.1A
Interface		RS232/RS485
Functional protection		OVP, OCP, OTP, Short circuit protection
Heat dissipation method		Adopting PWM speed regulating fan, air-cooled
Operating environment		Temperature 0 ℃ -40 ℃; Humidity 10% -85% RH
Environment		Temperature -20 ℃ -70 ℃; Humidity 10% -90% RH
Size（mm）		430×500×88（W*D*H mm）
Weight（kg）		16KG
Note		The power cord and output cables are optional

High-Power DC Power Supply

MPS-10000S Series



Standard RS–232 ☑ RS–485 ☑ SENSE ☑

Optional Analog signal interface ☐

Features

- Simultaneous five digit display of voltage and current, precise and easy to use
- Adopting PWM modulation and high gain amplification circuit design, stable and reliable
- The panel has preset buttons that can preset voltage and current values
- Complete protection functions: OVP、OCP、OTP、Short circuit protection
- Key lock function
- Key components are imported to ensure long-term full load operation
- Remote voltage compensation function ensures usage accuracy

Model		Voltage	Current	Power
MPS-10000S-100-100		0-100.00V	0-100.00A	10000W
MPS-10000S-200-50		0-200.00V	0-50.000A	10000W
MPS-10000S-1000-10		0-1000.0V	0-10.000A	10000W
MPS-10000S-2000-5		0-2000.0V	0-5.0000A	10000W
AC input	Three-phase	AC380V±10%，50Hz		
DC output	Output voltage	0V - rating		
	Output current	0A - rating		
	Output power	0W - rating		
Load regulation	Voltage	≤0.1%F.S+0.1%F.S		
	Current	≤0.1%F.S+0.1%F.S		
Setting value accuracy	Voltage	≤0.1%F.S+0.1%F.S		
	Current	≤0.1%F.S+0.1%F.S		
Readback value accuracy	Voltage	≤0.1%F.S+0.1%F.S		
	Current	≤0.1%F.S+0.1%F.S		
Ripple(20Hz-20MHz)	Voltage	Vrms≤0.2%F.S+50mV		
Dynamic response time(10% -90% load)		≤5mS		
Display method		4 and a half digit meter (LED digital tube display)		
Display resolution		Voltage0.001V/0.01V/0.1V,Current0.001A/0.01A/0.1A		
Interface		RS232/RS485		
Functional protection		OVP, OCP, OTP, Short circuit protection		
Heat dissipation method		Adopting PWM speed regulating fan, air-cooled		
Operating environment		Temperature 0 ℃ -40 ℃; Humidity 10% -85% RH		
Environment		Temperature -20 ℃ -70 ℃; Humidity 10% -90% RH		
Size（mm）		430×560×132（W*D*H mm）		
Weight（kg）		26KG		
Note		The power cord and output cables are optional		

High-Power DC Power Supply

MPS-12000S Series



Standard RS–232 ☑ RS–485 ☑ SENSE ☑

Optional Analog signal interface ☐

Features

- Simultaneous five digit display of voltage and current, precise and easy to use
- Adopting PWM modulation and high gain amplification circuit design, stable and reliable
- The panel has preset buttons that can preset voltage and current values
- Complete protection functions: OVP、OCP、OTP、Short circuit protection
- Key lock function
- Key components are imported to ensure long-term full load operation
- Remote voltage compensation function ensures usage accuracy

Model		Voltage	Current	Power
MPS-12000S-30-400		0-30.000V	0-400.00A	12000W
MPS-12000S-60-200		0-60.000V	0-200.00A	12000W
MPS-12000S-150-80		0-150.00V	0-80.000A	12000W
MPS-12000S-300-40		0-300.00V	0-40.000A	12000W
MPS-12000S-600-20		0-600.00V	0-20.000A	12000W
AC input	Three-phase	AC380V±10%，50Hz		
DC output	Output voltage	0V - rating		
	Output current	0A - rating		
	Output power	0W - rating		
Load regulation	Voltage	≤0.1%F.S+0.1%F.S		
	Current	≤0.1%F.S+0.1%F.S		
Setting value accuracy	Voltage	≤0.1%F.S+0.1%F.S		
	Current	≤0.1%F.S+0.1%F.S		
Readback value accuracy	Voltage	≤0.1%F.S+0.1%F.S		
	Current	≤0.1%F.S+0.1%F.S		
Ripple(20Hz-20MHz)	Voltage	Vrms≤0.2%F.S+50mV		
Dynamic response time(10% -90% load)		≤5mS		
Display method		4 and a half digit meter (LED digital tube display)		
Display resolution		Voltage0.001V/0.01V/0.1V,Current0.001A/0.01A/0.1A		
Interface		RS232/RS485		
Functional protection		OVP, OCP, OTP, Short circuit protection		
Heat dissipation method		Adopting PWM speed regulating fan, air-cooled		
Operating environment		Temperature 0 ℃ -40 ℃; Humidity 10% -85% RH		
Environment		Temperature -20 ℃ -70 ℃; Humidity 10% -90% RH		
Size（mm）		430×560×132（W*D*H mm）		
Weight（kg）		26KG		
Note		The power cord and output cables are optional		

High-Power DC Power Supply

MPS-15000S Series



Standard RS-232 ☑ RS-485 ☑ SENSE ☑

Optional Analog signal interface ☐

Features

- Simultaneous five digit display of voltage and current, precise and easy to use
- Adopting PWM modulation and high gain amplification circuit design, stable and reliable
- The panel has preset buttons that can preset voltage and current values
- Complete protection functions: OVP、OCP、OTP、Short circuit protection
- Key lock function
- Key components are imported to ensure long-term full load operation
- Remote voltage compensation function ensures usage accuracy

Model	Voltage	Current	Power
MPS-15000S-30-500	0-30.000V	0-500.00A	15000W
MPS-15000S-60-250	0-60.000V	0-250.00A	15000W
MPS-15000S-100-150	0-100.00V	0-150.00A	15000W
MPS-15000S-150-100	0-150.00V	0-100.00A	15000W
MPS-15000S-200-75	0-200.00V	0-75.000A	15000W
MPS-15000S-300-50	0-300.00V	0-50.000A	15000W
MPS-15000S-600-25	0-600.00V	0-25.000A	15000W
MPS-15000S-1000-15	0-1000.0V	0-15.000A	15000W
MPS-15000S-1500-10	0-1500.0V	0-10.000A	15000W

AC input	Three-phase	AC380V±10%，50Hz
DC output	Output voltage	0V - rating
	Output current	0A - rating
	Output power	0W - rating
Load regulation	Voltage	≤0.1%F.S+0.1%F.S
	Current	≤0.1%F.S+0.1%F.S
Setting value accuracy	Voltage	≤0.1%F.S+0.1%F.S
	Current	≤0.1%F.S+0.1%F.S
Readback value accuracy	Voltage	≤0.1%F.S+0.1%F.S
	Current	≤0.1%F.S+0.1%F.S
Ripple(20Hz-20MHz)	Voltage	Vrms≤0.2%F.S+50mV
Dynamic response time(10% -90% load)		≤5mS
Display method		4 and a half digit meter (LED digital tube display)
Display resolution		Voltage0.001V/0.01V/0.1V,Current0.001A/0.01A/0.1A
Interface		RS232/RS485
Functional protection		OVP, OCP, OTP, Short circuit protection
Heat dissipation method		Adopting PWM speed regulating fan, air-cooled
Operating environment		Temperature 0 ℃ -40 ℃; Humidity 10% -85% RH
Environment		Temperature -20 ℃ -70 ℃; Humidity 10% -90% RH
Size（mm）		430×560×132（W*D*H mm）
Weight（kg）		26KG
Note		The power cord and output cables are optional

High-Power DC Power Supply

MPS-1802S Series



Features

- Simultaneous five digit display of voltage and current, precise and easy to use
- Adopting PWM modulation and high gain amplification circuit design, stable and reliable
- The panel has preset buttons that can preset voltage and current values
- Complete protection functions: OVP、OCP、OTP、Short circuit protection
- Key lock function
- Key components are imported to ensure long-term full load operation
- Remote voltage compensation function ensures usage accuracy

Standard RS-232 ☑ RS-485 ☑ SENSE ☑

Optional Analog signal interface ☐

Model	Voltage	Current	Power
MPS-1802S-30-60	0-30.000V	0-60.000A	1800W*2
MPS-1802S-60-30	0-60.000V	0-30.000A	1800W*2
MPS-1802S-100-18	0-100.00V	0-18.000A	1800W*2
MPS-1802S-150-12	0-150.00V	0-12.000A	1800W*2
MPS-1802S-200-9	0-200.00V	0-9.0000A	1800W*2
MPS-1802S-300-6	0-300.00V	0-6.0000A	1800W*2

AC input	Single phase	AC220V±10%，50Hz
DC output	Output voltage	0V - rating
	Output current	0A - rating
	Output power	0W - rating
Load regulation	Voltage	≤0.1%F.S+0.1%F.S
	Current	≤0.1%F.S+0.1%F.S
Setting value accuracy	Voltage	≤0.1%F.S+0.1%F.S
	Current	≤0.1%F.S+0.1%F.S
Readback value accuracy	Voltage	≤0.1%F.S+0.1%F.S
	Current	≤0.1%F.S+0.1%F.S
Ripple(20Hz-20MHz)	Voltage	Vrms≤0.2%F.S+50mV
Dynamic response time(10% -90% load)		≤5mS
Display method		4 and a half digit meter (LED digital tube display)
Display resolution		Voltage0.001V/0.01V/0.1V,Current0.001A/0.01A/0.1A
Interface		RS232/RS485
Functional protection		OVP, OCP, OTP, Short circuit protection
Heat dissipation method		Adopting PWM speed regulating fan, air-cooled
Operating environment		Temperature 0 ℃ -40 ℃; Humidity 10% -85% RH
Environment		Temperature -20 ℃ -70 ℃; Humidity 10% -90% RH
Size（mm）		430×420×88（W*D*H mm）
Weight（kg）		11KG
Note		The power cord and output cables are optional

High-Power DC Power Supply

MPS-3602S Series



Features

- Simultaneous five digit display of voltage and current, precise and easy to use
- Adopting PWM modulation and high gain amplification circuit design, stable and reliable
- The panel has preset buttons that can preset voltage and current values
- Complete protection functions: OVP、OCP、OTP、Short circuit protection
- Key lock function
- Key components are imported to ensure long-term full load operation
- Remote voltage compensation function ensures usage accuracy

Standard RS-232 ☑ RS-485 ☑ SENSE ☑

Optional Analog signal interface ☐

Model	Voltage	Current	Power
MPS-3602S-30-120	0-30.000V	0-120.00A	3600W*2
MPS-3602S-60-60	0-60.000V	0-60.000A	3600W*2
MPS-3602S-100-36	0-100.00V	0-36.000A	3600W*2
MPS-3602S-150-24	0-150.00V	0-24.000A	3600W*2
MPS-3602S-200-18	0-200.00V	0-18.000A	3600W*2
MPS-3602S-300-12	0-300.00V	0-12.000A	3600W*2
MPS-3602S-600-6	0-600.00V	0-6.0000A	3600W*2

AC input	Single phase	AC220V±10%，50Hz
DC output	Output voltage	0V - rating
	Output current	0A - rating
	Output power	0W - rating
Load regulation	Voltage	≤0.1%F.S+0.1%F.S
	Current	≤0.1%F.S+0.1%F.S
Setting value accuracy	Voltage	≤0.1%F.S+0.1%F.S
	Current	≤0.1%F.S+0.1%F.S
Readback value accuracy	Voltage	≤0.1%F.S+0.1%F.S
	Current	≤0.1%F.S+0.1%F.S
Ripple(20Hz-20MHz)	Voltage	Vrms≤0.2%F.S+50mV
Dynamic response time(10% -90% load)		≤5mS
Display method		4 and a half digit meter (LED digital tube display)
Display resolution		Voltage0.001V/0.01V/0.1V,Current0.001A/0.01A/0.1A
Interface		RS232/RS485
Functional protection		OVP, OCP, OTP, Short circuit protection
Heat dissipation method		Adopting PWM speed regulating fan, air-cooled
Operating environment		Temperature 0 ℃ -40 ℃; Humidity 10% -85% RH
Environment		Temperature -20 ℃ -70 ℃; Humidity 10% -90% RH
Size (mm)		430×400×88 (W*D*H mm)
Weight (kg)		15KG
Note		The power cord and output cables are optional

High-Power DC Power Supply

WPS-S Series



Features

- The speed of the rising and falling edges of the output is adjustable
- Built in function generator
- Master slave mode supports parallel connection
- Support OVP, OCP, OPP, OTP protection, support SENSE terminal reverse connection protection
- SENSE remote voltage compensation function
- Equipped with discharge circuit (Uout<10V within 1 second)
- List sequence programming function
- Power absorption function
- Output end backpressure protection (optional)
- Built in remote analog control interface
- Support for SCPI instruction language
- High brightness color LCD display screen

Standard USB ☑ RS232☑ SENSE☑

Optional RS485☐ LAN☐ Analog control ☐

1.5KW Series

(Weight:10.8kg Size:482*455*88mm)

Model	Voltage	Current	Power	Ripple
WPS-1500S-35-100	0-35V	0-100A	1500W	10mVrms
WPS-1500S-40-60	0-40V	0-60A	1500W	10mVrms
WPS-1500S-60-75	0-60V	0-75A	1500W	10mVrms
WPS-1500S-80-60	0-80V	0-60A	1500W	10mVrms
WPS-1500S-100-50	0-100V	0-50A	1500W	20mVrms
WPS-1500S-200-25	0-200V	0-25A	1500W	20mVrms
WPS-1500S-360-15	0-360V	0-15A	1500W	40mVrms
WPS-1500S-500-10	0-500V	0-10A	1500W	50mVrms
WPS-1500S-750-7	0-750V	0-7A	1500W	50mVrms
WPS-1500S-1000-5	0-1000V	0-5A	1500W	100mVrms

3KW Series

(Weight:13.5kg Size:482*455*88mm)

Model	Voltage	Current	Power	Ripple
WPS-3000S-35-200	0-35V	0-200A	3000W	10mVrms
WPS-3000S-40-120	0-40V	0-120A	3000W	10mVrms
WPS-3000S-60-150	0-60V	0-150A	3000W	10mVrms
WPS-3000S-80-120	0-80V	0-120A	3000W	10mVrms
WPS-3000S-100-100	0-100V	0-100A	3000W	20mVrms
WPS-3000S-200-50	0-200V	0-50A	3000W	20mVrms
WPS-3000S-360-30	0-360V	0-30A	3000W	40mVrms
WPS-3000S-500-20	0-500V	0-20A	3000W	50mVrms
WPS-3000S-750-14	0-750V	0-14A	3000W	50mVrms
WPS-3000S-1000-10	0-1000V	0-10A	3000W	100mVrms

High-Power DC Power Supply

WPS-S Series

Model		WPS-S Series
Rated input		Single phase 220VAC±10% 45-66Hz
DC output	Voltage	0V~rated value
	Current	0A~rated value
	Power	0W~rated value
	Efficiency	≤92%
Setting value accuracy	Voltage	≤ ± (0.05%+0.04% FS)
	Current	≤ ± (0.15%+0.1% FS)
	Power	≤ ± 0.8% FS
Readback value accuracy	Voltage	≤ ± (0.05%+0.04% FS)
	Current	≤ ± (0.15%+0.1% FS)
	Power	≤ ± 0.8% FS
Source effect	Voltage	≤ 0.02% FS (± 10% △ UAC input)
	Current	≤ 0.05% FS (± 10% △ UAC input)
Load effect	Voltage	≤ 0.05% FS (0-100% load adjustment rate)
	Current	0.15% FS (load adjustment rate of 0-100% △ UDC)
	Specifications	Built in 15-pin D-Sub female plug, electrically isolated
Analog interface	Signal range	0~5V or 0~10V (switchable)
	U/I/P accuracy	0~10V: ≤ 0.2% FS 0~5V: ≤ 0.4% FS
Dynamic response time(10% -90% load)	Load adjustment time	≤ 2ms (load adjusted from 10 to 100%)
	Output voltage rise time	30ms
Functional protection		OTP, OVP, 0CP, 0PP, PF
Interface		RS232/RS485/USB/LAN and other communication interfaces
Parallel operation		Realizable, can connect up to 10 products (via shared bus) through real master-slave operation
Operating environment		Working temperature: 0-50 ℃, humidity:<80%, storage temperature: -20~70 ℃, altitude:<2000m
Note		The power cord and output cables are optional

High-Power DC Power Supply

WPS-S Series



Features

- The speed of the rising and falling edges of the output is adjustable
- Built in function generator
- Master slave mode supports parallel connection
- Support OVP, OCP, OPP, OTP protection, support SENSE terminal reverse connection protection
- SENSE remote voltage compensation function
- Equipped with discharge circuit (Uout<10V within 1 second)
- List sequence programming function
- Power absorption function
- Output end backpressure protection (optional)
- Built in remote analog control interface
- Support for SCPI instruction language
- High brightness color LCD display screen

Standard LAN ☑ RS232☑ SENSE☑ Optional Analog control ☐

5-6KW Series

(Weight:25kg Size:482*660*132mm)

Model	Voltage	Current	Power	Ripple
WPS-5000S-80-170	0-80V	0-170A	5000W	15mVrms
WPS-6000S-300-75	0-300V	0-75A	6000W	40mVrms
WPS-6000S-500-40	0-500V	0-40A	6000W	50mVrms
WPS-6000S-800-25	0-800V	0-25A	6000W	75mVrms
WPS-6000S-1000-15	0-1000V	0-15A	6000W	100mVrms

10-12KW Series

(Weight:35kg Size:482*660*132mm)

Model	Voltage	Current	Power	Ripple
WPS-10000S-80-340	0-80V	0-340A	10000W	15mVrms
WPS-12000S-300-150	0-300V	0-150A	12000W	40mVrms
WPS-12000S-500-80	0-500V	0-80A	12000W	50mVrms
WPS-12000S-800-50	0-800V	0-50A	12000W	75mVrms
WPS-12000S-1000-30	0-1000V	0-30A	12000W	100mVrms
WPS-12000S-1500-25	0-1500V	0-25A	12000W	150mVrms

15-18KW Series

(Weight:45kg Size:482*660*132mm)

Model	Voltage	Current	Power	Ripple
WPS-15000S-80-510	0-80V	0-510A	15000W	15mVrms
WPS-18000S-300-225	0-300V	0-225A	18000W	40mVrms
WPS-18000S-500-120	0-500V	0-120A	18000W	50mVrms
WPS-18000S-800-75	0-800V	0-75A	18000W	75mVrms
WPS-18000S-1000-45	0-1000V	0-45A	18000W	100mVrms
WPS-18000S-1500-40	0-1500V	0-40A	18000W	150mVrms
WPS-18000S-2250-25	0-2250V	0-25A	18000W	225mVrms

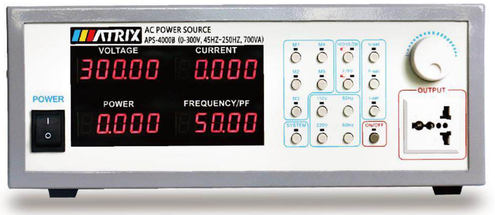
High-Power DC Power Supply

WPS-S Series

Model		WPS-S Series
Rated input		Three phase 380VAC ± 10% 47-63Hz
DC output	Voltage	0V~rated value
	Current	0A~rated value
	Power	0W~rated value
	Efficiency	≤92%
Setting value accuracy	Voltage	≤ ± (0.05%+0.04% FS)
	Current	≤ ± (0.15%+0.1% FS)
	Power	≤ ± 0.8% FS
Readback value accuracy	Voltage	≤ ± (0.05%+0.04% FS)
	Current	≤ ± (0.15%+0.1% FS)
	Power	≤ ± 0.8% FS
Source effect	Voltage	≤ 0.02% FS (± 10% △ UAC input)
	Current	≤ 0.05% FS (± 10% △ UAC input)
Load effect	Voltage	≤ 0.05% FS (0-100% load adjustment rate)
	Current	0.15% FS (load adjustment rate of 0-100% △ UDC)
	Specifications	Built in 15-pin D-Sub female plug, electrically isolated
Analog interface	Signal range	0~5V or 0~10V (switchable)
	U/I/P accuracy	0~10V: ≤ 0.2% FS 0~5V: ≤ 0.4% FS
Dynamic response time(10% -90% load)	Load adjustment time	≤ 2ms (load adjusted from 10 to 100%)
	Output voltage rise time	Maximum 50ms (10~90% full scale)
Functional protection		OTP, OVP, OCP, OPP, PF
Interface		RS232/RS485/USB/LAN and other communication interfaces
Parallel operation		Realizable, can connect up to 10 products (via shared bus) through real master-slave operation
Operating environment		Working temperature: 0-50 ℃, humidity:<80%, storage temperature: -20~70 ℃, altitude:<2000m
Note		The power cord and output cables are optional

Storage AC Power Source

APS-4000 Series





- The advanced direct digital frequency synthesizer (DDS) waveform is used to achieve high frequency stability, good continuity and accurate measurement
- Keyboard shortcuts: 110V, 220V, 50Hz, 60Hz quick switch
- Key LOCK function prevents inadvertent touch
- With key lock M1, M2,M3,M4 and M5 five sets of memory, can store the commonly used voltage V and frequency F, easy to recall them by one key
- Push-down infinite coding knob switch, adjusting cursor position by pressing the knob.
- Four window five digit display, display voltage V, frequency F, current I, power P, power factor PF simulta neously, and more accurate.
- Measuring function: voltage, current, frequency, power, power factor
- Strong overload capacity, 300% overload 2s;
- Intelligent alarming function: automatically judge the cause of failure and situation, as well as display the code when alarming is reported;
- Equipped with 100% load and unload function, the voltage stabilizing reaction time is within 20ms
- Output voltage 0-150.00V、0-300.00V
- Input frequency 45.00-250.00Hz
- Input and output are isolated
- Has soft start function to avoid the damage to power supply caused by the instantaneous impulse current of the load (such as motor) when power on.

Model		APS-4000A	APS-4000B	APS-4000C
Capacity		350VA	700VA	1200VA
Working mode		SPWM		
The input				
Number of phase		1Φ2W		
Voltage		220V±10%		
Frequency		45Hz-250Hz		
The output				
Number of phase		1Φ2W		
Voltage		0-150VAC/0-300VAC AUTO		
Frequency		45-250Hz（0.1Step）		
Maximum current	L=120V	3A	6A	10A
	H=240V	1.5A	3A	5A
Load regulation		1%		
T.H.D		2% Low grade 120V, high grade 240V, with pure resistive load		
Frequency stability		0.01%		
Display		Vrms、Arms、Fre、Wattage、PF		
Voltage resolution		0.01V		
Frequency resolution		0.01Hz		
Current resolution		0.001A		
Storage		M1(V_F_A)、M2(V_F_A)、M3(V_F_A)、M4(V_F_A)、M5(V_F_A)		
Communication interface		RS-232C Optional		
Set the current limit		0-MaxCurrent(P/240 Maximum current is: maximum capacity /240V is P/240)		
The output protection		OverCurrent OverTemp OverLoad ShortCircuit		
Operation environment		0-40℃ 20-80%RH		
Net weight (kg)		12.7	15	18.5
Gross weight (kg)		14.5	16.7	20
Instrument size (W*H*D)		365*150*430	365*150*430	365*150*430
Packing size (W*H*D)		510*255*550	510*255*550	510*255*550

Adjustable AC Power Meter

APS-6000 Series





- Output voltage AC 0-300v adjustable and power 1000VA
- A/P/PF upper and lower limit Settings, with voice alarm function
- The four Windows display V, A, P, Apk/PF/F switching
- Easy to use, safe and reliable

Model	APS-6100	APS-6200	APS-6100B
The input voltage	AC 220V		
The output voltage	AC 0-300V Adjustable		
The output current	3.3A	6.6A	3.3A
Power	1kw	2kw	1kw
Display	V / A / P / PF / F / Apk		
Display precision	0.5%+2 digits		
Upper limit setting	√		
Output switch	√		
Sound alarming	√		
Isolate the output	×	×	√
Net weight (kg)	10	10	10
Gross weight (kg)	11	11	11.8
Instrument size (W*H*D)	323*180*250	323*180*250	323*180*250
Packing size (W*H*D)	406*295*305	406*295*305	406*295*305

AC Power Source

APS-50000 Series



- Input and output are completely isolated
- Output voltage: phase voltage 0V-150VAC/0V-300VAC or line voltage 0V-520V (voltage can be customized 600V, 1000V or more)
- Output frequency: 40Hz-250Hz continuously adjustable
- Output high and low gears: automatic switching of high and low gears, safe and convenient
- Voltage, frequency, current, power/power factor, four windows simultaneously display
- 5 groups of storage one-key calling function
- No radiation interference, low harmonic content, and special treatment, low interference
- Pure and stable sine wave output
- Strong overload capacity, instantaneous current can withstand 3 times the rated current
- With over current, over temperature, over voltage, short circuit, overload, current limit, instantaneous power failure protection and warning device
- Suitable for resistive, capacitive, inductive and other non-linear loads

Standard RS232 ☑ RS485 ☑ Synchronous signal output ☑

Model		APS51005	APS51008	APS51010	APS51015	APS51020	APS51030	APS51050	APS51075	APS51100
Capacity		5KVA	8KVA	10KVA	15KVA	20KVA	30KVA	50KVA	75KVA	100KVA
The output voltage		0-150V/0-300V automatic switching between high and low gears								
Output current	L=120V	42A	67A	84A	126A	168A	252A	416A	626A	840A
	H=240V	21A	33.5A	42A	63A	84A	126A	208A	313A	420A
frequency		40-250Hz(0.01Step)								
Size (W*H*D)		430*425*550		680*450*650		800*450*650	1020*610*930			1620*750 *1200
Weight (kg)		50	70	90	110	140	210	290	410	540

Specifications		
Working mode		SPWM (Sine Pulse Width Modulation)
Input phase number		1Φ2W 220V±15% or 3Φ4W 380V±15%
Output	Phase	1Φ2W
	Voltage	0-150V/0-300V automatic switching between high and low gears
	Current	42A-840A
	frequency	40-250Hz(0.01Step)
LED display		Voltage Vrms, current Arms, frequency Fre, power Wattage, power factor PF
Voltage resolution		0.01V
Current resolution		Output <10A, resolution 0.001A; output 10A-100A, resolution 0.01A; Output 100A-1000A, resolution 0.1A; output ≥1000A, resolution 1A;
Frequency resolution		0.01Hz
Power regulation rate		≤1%
Load stability		≤1%
Load regulation rate		≤1%
Frequency stability		0.01%
Waveform distortion		≤1%(Pure resistance load,other resistance 3%)
Measurement Accuracy	Voltage	0.5%FS+5dgt
	Current	0.5%FS+5dgt
	frequency	0.01%FS+5dgt
	power	0.5%FS+5dgt
set up Accuracy	Voltage	0.2%FS
	Current	0.1%FS
Current limit setting		0-MAX Current
storage		5 groups of storage: M1 (V/F/A), M2 (V/F/A), M3 (V/F/A), M4 (V/F/A), M5 (V/F/A)
protect		Over Current, Over Temp, Over Load, Short Circuit
cooling method		Forced cooling by fan
Operating environment		0-40℃/10-90%RH

AC Power Source

APS-50000 Series

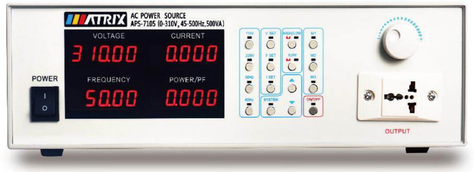
Model	Capacity	The output voltage	Output current (L120V/H240V)	Frequency	Size (W*H*D)	Weight (kg)
APS53005	5KVA	0-150V/0-300V Automatic switching between high and low gears (Line voltage: 0-260V/0-520V)	14A/7A	40-250Hz (0.01Step)	800*450*650	110
APS53010	10KVA		28A/14A			130
APS53015	15KVA		42A/21A			160
APS53020	20KVA		58A/29A		1020*610*930	210
APS53030	30KVA		84A/42A		1140*730*930	280
APS53050	50KVA		140A/70A			360
APS53075	75KVA		210A/105A			510
APS53100	100KVA		280A/140A		1620*750 *1200	660
APS53150	150KVA		420A/210A			710
APS53200	200KVA		588A/294A		1800*1050*1600	910
APS53300	300KVA		840A/420A			1200
APS53500	500KVA		1390A/695A		1800*1050*1600 *2	1800

Specifications		
Working mode		SPWM (Sine Pulse Width Modulation)
Input phase number		3Φ4W 380V±15% (5KVA、10KVA Optional 1Φ2W 220V±15%)
Output	Phase	3Φ4W
	Voltage	0-150V/0-300V automatic switching between high and low gears (line voltage: 0-260V/0-520V)
	Current	14A-1390A
	Frequency	40-250Hz(0.01Step)
LED display		Each phase voltage Vrms, current Arms, frequency Fre, power Wattage, power factor PF
Voltage resolution		0.1V
Current resolution		Output <10A, resolution 0.001A; output 10A-100A, resolution 0.01A; Output 100A-1000A, resolution 0.1A; output ≥1000A, resolution 1A;
Frequency resolution		0.01Hz
Power regulation rate		≤1%
Load stability		≤1%
Load regulation rate		≤1%
Frequency stability		0.01%
Waveform distortion		≤1%(Pure resistance load,other resistance 3%)
Measurement Accuracy	Voltage	0.5%FS+5dgt
	Current	0.5%FS+5dgt
	frequency	0.01%FS+5dgt
	power	0.5%FS+5dgt
set up Accuracy	Voltage	0.2%FS
	Current	0.1%FS
Current limit setting		0-MAX Current
storage		5 groups of storage: M1 (V/F/A), M2 (V/F/A), M3 (V/F/A), M4 (V/F/A), M5 (V/F/A)
protect		Over Current, Over Temp, Over Load, Short Circuit
cooling method		Forced cooling by fan
Operating environment		0-40℃/10-90%RH

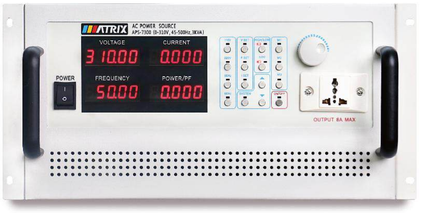
Programmable AC Power Source

APS-7000 Series

CE



APS-7105/7100



APS-7200/7300

- The advanced direct digital frequency synthesizer (DDS) waveform is used to achieve high frequency stability, good continuity and accurate measurement
- Keyboard shortcuts: 110V, 220V, 50Hz, 60Hz shortcuts self-assembly
- Key lock function prevents inadvertent touch
- With key lock M1, M2 and M3 three sets of memory, can store the commonly used voltage V and frequency F, easy to recall them by one key
- Five display windows: voltage V, frequency F, current I, power P/power factor PF, display more accurately
- Overload capacity, 300% overload 2S
- Intelligent analysis function: automatically determine the cause of failure ,status and display the code when the alarm is reported
- With 100% loading and unloading, the stabiliz-ing reaction time is within 20ms
- RS485, RS232, Ethernet communication interface or simulation control mode (optional)
- Adopt input and output isolation mode
- Has soft start function to avoid the damage to power supply caused by the instantaneous impulse current of the load (such as motor) when power on.

Standard RS232 ☑ Synchronous signal output ☑ Optional RS485 ☐

Model		APS-7105	APS-7100	APS-7200	APS-7300
Capacity		500VA	1KVA	2KVA	3KVA
Working mode		SPWM			
The input					
Number of phase		1Φ2W			
Voltage		220V±10%			
Frequency		47Hz-63Hz			
The output					
Number of phase		1Φ2W			
Voltage		0-150VAC/0-310VAC AUTO (0-600V Can be customized)			
Frequency		45-500Hz (0.1Step)			
Maximum current	L=120V	4.2A	8.4A	16.8A	25A
	H=240V	2.1A	4.2A	8.4A	12.5A
Load regulation		1%			
T.H.D		2% Low grade 120V, high grade 240V, with pure resistive load			
Frequency stability		0.01%			
Display		Vrms、Arms、Fre、Wattage、PF			
Voltage resolution		0.01V			
Frequency resolution		0.01Hz			
Current resolution		0.001A			
Storage		M1(V_F_A)、M2(V_F_A)、M3(V_F_A)			
Communication interface		RS-232 standard, RS485 optional			
Set the current limit		0-MaxCurrent(P/240 Maximum current is: maximum capacity /240V is P/240)			
The output protection		OverCurrent OverTemp OverLoad ShortCircuit			
Operation environment		0-40℃ 20-80%RH			
Instrument size (W*H*D)		430*135*515	430*135*515	480*225*535	480*225*535
Packing size (W*H*D)		575*255*645	575*255*645	640*330*652	640*330*652
Net weight (kg)		20.6	20.6	30.5	33.3
Gross weight (kg)		23.1	23.1	33.5	36.3

Programmable DC Electronic Load

PEL-8000 Series





PEL series product is a new generation of DC electronic load, adopt new chip to achieve high speed and high precision design, provide 0.1 mV and 0.1 mA resolution (basic accuracy is 0.03%, the current rise of 2.5 A/us). It can be widely used in the production line (phone charger, cell phone batteries, electric vehicle batteries, switch power supply, linear power supply), scientific research institutions, automotive electronics, aerospace, marine, solar batteries, fuel cells and other industries.

Standard RS232 ☑ SENSE ☑

- CC , CV , CR , CP , short circuit, dynamic and other working modes
- Over voltage, overcurrent, overpower, overheat, polarity reverse protection
- High brightness vacuum VFD screen and display V,A,P simultaneously
- Accuracy of 0.1%
- Support external trigger input, output
- Automatic test function setting, more convenient operation
- RS - 232 interface. Optional special communication line connecting computer

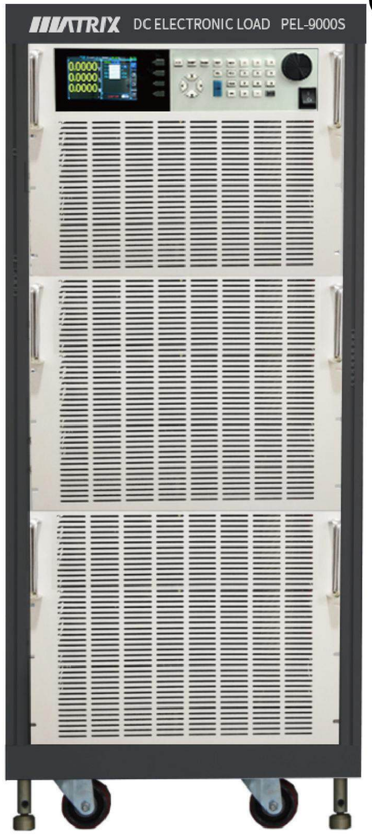
Model		PEL-8150		PEL-8300	
Input Rating	Power	150W		300W	
	Current	0~30A		0~60A	
	Voltage	150V			
CC mode	Range	0-3A	0-30A	0-6A	0-60A
	Resolution	0.1mA	1mA	0.1mA	1mA
	Accuracy	0.03%+0.05%			
CV mode	Range	0.1-19.999V		0.1-150V	
	Resolution	1mV	10mV	0.1mV	1mV
	Accuracy	0.03%+0.05%			
CR mode	Range	0.3Ω-10k	0.3Ω-5k	0.3Ω-10k	0.3Ω-5k
	Resolution	16 bits			
	Accuracy	0.2%+0.2%		0.1%+0.1%	
CW mode	Range	0-150W	0-150W	0-300W	0-300W
	Resolution	1mW	10mW	1mW	10mW
	Accuracy	0.2%+0.2%		0.1%+0.1%	
V Measurement	Voltage	0-19.999V	0-150V	0-19.999V	0-150V
	Resolution	0.1mV	1mV	0.1mV	1mV
	Accuracy	0.015%0.05%FS	0.015%0.05%FS	0.015%0.03%FS	0.015%0.02%FS
C Measurement	Current	0-3A	0-30A	0-6A	0-60A
	Resolution	0.1mA	1mA	0.1mA	1mA
	Accuracy	0.03%+0.05%FS	0.03%+0.08%FS	0.03%+0.05%FS	0.03%+0.08%FS
W Measurement	Watt	100W	150W	100W	300W
	Resolution	1mW	10mW	1mW	10mW
	Accuracy	0.2%+0.2%		0.1%+0.1%	
Battery Measurement Battery Input : 0.5-150V Max.Measurement:capacity=999/H;Resolution=0.1mA;Time=Range=1S-16HS					
Dynamic Measurement TransitionList: 0-25Khz;2.5A/us ; T1&T2: 60Us-999S;Accuracy: ±15%offset+10%FS					
1mS;2mS;5mS;10mS;20mS;50mS;100mS;200mS;Accuracy:±15%offset+10%FS					
Short circuit	Current(CC)	3A	30A	6A	60A
	Voltage(CV)	0V			
	Resistance(CR)	55mΩ	25mΩ	300mΩ	
Temperature	Operating	0-40℃			
	Environment	-10℃~70℃			
Product size(W*H*D)	kg	4.1		4.9	
Packing size(W*H*D)	kg	5		5.8	
Net weight	mm	215*100*355			
Gross weight	mm	310*200*480			

Programmable DC Electronic Load

PEL-9000S Series









Features

- Voltage: 0-150V; Maximum current: 1500A-
- Power: 1.2KW-40KW
- Four static loading modes: constant voltage,constant current, constant resistance and constant power
- High-speed dynamic load, up to 20KHz
- Arbitrary load waveform simulation function
- Low-voltage and high-current operating characteristics.
- Battery discharge simulation and discharge time measurement function
- Fast OCP test function
- Programmable switching of multiple groups of loads
- High precision voltage,current and power measurement
- ARM control technology, fast communication speed
- Compatible with communication instructions of many similar products,and system integration is simpler
- With overvoltage, overcurrent, over-power, over-temperatureand reverse protection functions
- RS-232C/GPIB communication interface (optional)

Standard RS-232☑ SYNC Output☑

Programmable DC Electronic Load

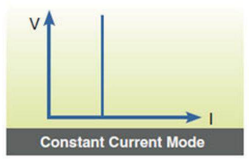
PEL-9000S Series

Details

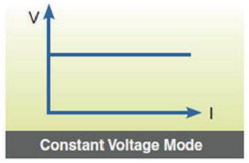
PEL-9150S series electronic load is a special precision instrument used to simulate the load change of low-voltage and high-power products. It can be applied to load simulation of high-power switching power supply, power supply equipment, power battery pack and electronic component test. The multiple functions of this series of products provide a complete solution for testing high-power power supply and electronic products.

PEL-9150S series electronic load has multiple models to facilitate engineers and technicians to select the most suitable load equipment.The load power is from 1.2KW to 40KW, the load current is up to 1500A,and the working voltage is 0-150v, which can be used for testing various low-voltage and high-power electronic products.

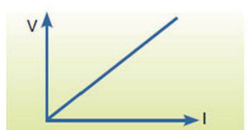
PEL-9150S series load provides four static loading modes: constant current mode (CC) and constant resistance mode (CR) are applicable to load simulation of traditional switching power supply, constant voltage mode (CV) is applicable to load simulation of battery charger and constant current output power supply, and constant power mode (CP)can be used as load simulation of power battery packand energy storage device.



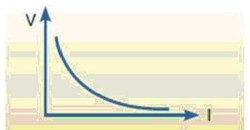
Constant Current Mode



Constant Voltage Mode



Constant Resistance Mode

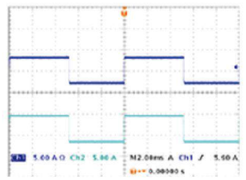


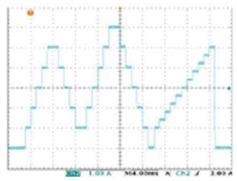
Constant Power Mode

PEL-9150S series electronic load has multiple models to facilitate engineers and technicians to select the most suitable load equipment.The load power is from 1.2KW to 40KW, the load current is up to 1500A,and the working voltage is 0-150v, which can be used for testing various low-voltage and high-power electronic products.

PEL-9150S series load provides four static loading modes: constant current mode (CC) and constant resistance mode (CR) are applicable to load simulation of traditional switching power supply, constant voltage mode (CV) is applicable to load simulation of battery charger and constant current output power supply, and constant power mode (CP)can be used as load simulation of power battery packand energy storage device.

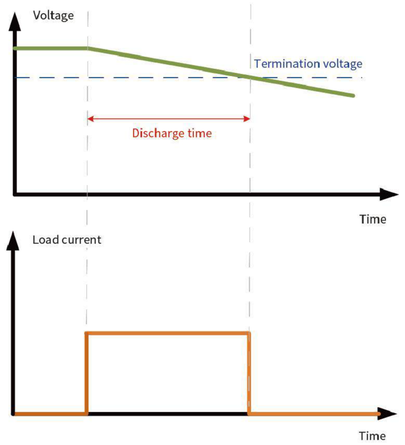
PEL-9150S series electronic load can not only simulate high-speed dynamic load changes with a frequency of up to 20KHz, but also simulate more stringent dynamic load changes, such as ladder load changes, pulse load changes, etc. It can also test the load characteristics of the tested products.





PEL-9150S series electronic load has 1000 sets of data storage capacity, and can be programmed to automatically run multiple sets of load switching;With 16-bit A/D conversion chip, it has high-precision voltage and current detection, and all data are displayed on the 5 "TFT color screen.RS-232C interface is equipped as standard,and GPIB remote control interface is optional to facilitate system integration.

PEL-9150S series electronic load can also be used to simulate the discharge of power battery. Set the size of the battery discharge load and use the constant power (CP) load mode to simulate the battery discharge characteristics.The cut-off discharge voltage of the battery is measured through the accurate measurement circuit, and the time required for the battery to discharge to the cut-off voltage point is calculated.



PEL-9150S series electronic load provides software calibration function, making daily maintenance easier. It also has OP, OV,OC, OT and positive-negative reverse alarm functions to ensure more stable and safe operationof the product. It is a reliable product for engineering test and automatic test system integration.

Programmable DC Electronic Load

PEL-9000S Series

Model	PEL-9150S1212		PEL-9150S1818		PEL-9150S2424	
Power	120W	1200W	180W	1800W	240W	2400W
Voltage Range	0-15V	0-150V	0-15V	0-150V	0-15V	0-150V
Current Range	0-12A	0-120A	0-18A	0-180A	0-24A	0-240A
CC Mode						
Range	0-12A	0-120A	0-18A	0-180A	0-24A	0-240A
Accuracy	0.05%+0.1%FS	0.1%+0.1%FS	0.05%+0.1%FS	0.1%+0.1%FS	0.05%+0.1%FS	0.1%+0.1%FS
CR Mode						
Range	0.025Ω ~ 250Ω	0.1Ω ~ 5KΩ	0.0175Ω ~ 175Ω	0.07Ω ~ 3.5KΩ	0.0125Ω ~ 125Ω	0.05Ω ~ 2.5KΩ
Accuracy	Vin/Rset*(0.2%)+0.2%IF.S		Vin/Rset*(0.2%)+0.2%IF.S		Vin/Rset*(0.2%)+0.2%IF.S	
CV Mode						
Range	0-15V	0-150V	0-15V	0-150V	0-15V	0-150V
Accuracy	0.05%+0.05%FS		0.05%+0.05%FS		0.05%+0.05%FS	
CP Mode						
Range	0-120W	0-1200W	0-180W	0-1800W	0-240W	0-2400W
Accuracy	0.2%+0.2%FS		0.2%+0.2%FS		0.2%+0.2%FS	
Dynamic Mode						
T1&T2	0.025-10mS	1mS-30S	0.025-10mS	1mS-30S	0.025-10mS	1mS-30S
Slew Rate	2mA-0.4A/uS	20mA-4A/uS	2.5mA-0.5A/uS	25mA-5A/uS	4mA-0.8A/uS	40mA-8A/uS
Accuracy	10%±20uS		10%±20uS		10%±20uS	
Measure Function						
Voltage Range	0-15V	0-150V	0-15V	0-150V	0-15V	0-150V
Accuracy	0.025%+0.05%FS		0.025%+0.05%FS		0.025%+0.05%FS	
Current Range	0-12A	0-120A	0-18A	0-180A	0-24A	0-240A
Accuracy	0.05%+0.1%FS		0.05%+0.1%FS		0.05%+0.1%FS	
Power Range	0-120W	0-1200W	0-180W	0-1800W	0-240W	0-2400W
Accuracy	0.2%+0.2%FS		0.2%+0.2%FS		0.2%+0.2%FS	
General Parameter						
Short Current	120A		180A		240A	
Size (W*H*D) mm	425 X 175 X 640		425 X 175 X 640		425 X 175 X 640	
Weight (Kg)	20		24		28	

Model	PEL-9150S3030		PEL-9150S6060		PEL-9150S9090	
Power	300W	3000W	600W	6000W	900W	9000W
Voltage Range	0-15V	0-150V	0-15V	0-150V	0-15V	0-150V
Current Range	0-30A	0-300A	0-60A	0-600A	0-90A	0-900A
CC Mode						
Range	0-30A	0-300A	0-60A	0-600A	0-90A	0-900A
Accuracy	0.05%+0.1%FS	0.1%+0.1%FS	0.05%+0.1%FS	0.1%+0.1%FS	0.05%+0.1%FS	0.1%+0.1%FS
CR Mode						
Range	0.01Ω ~ 100Ω	0.04Ω ~ 2KΩ	0.005Ω ~ 50Ω	0.02Ω ~ 1KΩ	0.004Ω ~ 35Ω	0.015Ω ~ 700Ω
Accuracy	Vin/Rset*(0.2%)+0.2%IF.S		Vin/Rset*(0.2%)+0.2%IF.S		Vin/Rset*(0.2%)+0.2%IF.S	
CV Mode						
Range	0-15V	0-150V	0-15V	0-150V	0-15V	0-150V
Accuracy	0.05%+0.05%FS		0.05%+0.05%FS		0.05%+0.05%FS	
CP Mode						
Range	0-300W	0-3000W	0-600W	0-6000W	0-900W	0-9000W
Accuracy	0.2%+0.2%FS		0.2%+0.2%FS		0.2%+0.2%FS	
Dynamic Mode						
T1&T2	0.025-10mS	1mS-30S	0.025-10mS	1mS-30S	0.025-10mS	1mS-30S
Slew Rate	5mA-1A/uS	50mA-10A/uS	10mA-2A/uS	0.1A-20A/uS	14mA-2.8A/uS	0.14A-28A/uS
Accuracy	10%±20uS		10%±20uS		10%±20uS	
Measure Function						
Voltage Range	0-15V	0-150V	0-15V	0-150V	0-15V	0-150V
Accuracy	0.025%+0.05%FS		0.025%+0.05%FS		0.025%+0.05%FS	
Current Range	0-30A	0-300A	0-60A	0-600A	0-90A	0-900A
Accuracy	0.05%+0.1%FS		0.05%+0.1%FS		0.05%+0.1%FS	
Power Range	0-300W	0-3000W	0-600W	0-6000W	0-900W	0-9000W
Accuracy	0.2%+0.2%FS		0.2%+0.2%FS		0.2%+0.2%FS	
General Parameter						
Short Current	300A		600A		900A	
Size (W*H*D) mm	425 X 175 X 640		425 X 350 X 640		550 X 635 X 720	
Weight (Kg)	32		64		116	

Programmable DC Electronic Load

PEL-9000S Series

Model	PEL-9150S120120		PEL-9150S150150		PEL-9150S180120	
Power	1200W	12000W	1500W	15000W	1800W	18000W
Voltage Range	0-15V	0-150V	0-15V	0-150V	0-15V	0-150V
Current Range	0-120A	0-1200A	0-150A	0-1500A	0-120A	0-1200A
CC Mode						
Range	0-120A	0-1200A	0-150A	0-1500A	0-120A	0-1200A
Accuracy	0.05%+0.1%FS	0.1%+0.1%FS	0.05%+0.1%FS	0.1%+0.1%FS	0.05%+0.1%FS	0.1%+0.1%FS
CR Mode						
Range	0.0025Ω～25Ω	0.01Ω～500Ω	0.002Ω～20Ω	0.008Ω～400Ω	0.0025Ω～25Ω	0.01Ω～500Ω
Accuracy	Vin/Rset*(0.2%)+0.2%IF.S		Vin/Rset*(0.2%)+0.2%IF.S		Vin/Rset*(0.2%)+0.2%IF.S	
CV Mode						
Range	0-15V	0-150V	0-15V	0-150V	0-15V	0-150V
Accuracy	0.05%+0.05%FS		0.05%+0.05%FS		0.05%+0.05%FS	
CP Mode						
Range	0-1200W	0-12000W	0-1500W	0-15000W	0-1800W	0-18000W
Accuracy	0.2%+0.2%FS		0.2%+0.2%FS		0.2%+0.2%FS	
Dynamic Mode						
T1&T2	0.025-10mS	1mS-30S	0.025-10mS	1mS-30S	0.025-10mS	1mS-30S
Slew Rate	20mA-4A/uS	0.2A-40A/uS	25mA-5A/uS	0.25A-50A/uS	20mA-4A/uS	0.2A-40A/uS
Accuracy	10%±20uS		10%±20uS		10%±20uS	
Measure Function						
Voltage Range	0-15V	0-150V	0-15V	0-150V	0-15V	0-150V
Accuracy	0.025%+0.05%FS		0.025%+0.05%FS		0.025%+0.05%FS	
Current Range	0-120A	0-1200A	0-150A	0-1500A	0-120A	0-1200A
Accuracy	0.05%+0.1%FS		0.05%+0.1%FS		0.05%+0.1%FS	
Power Range	0-1200W	0-12000W	0-1500W	0-15000W	0-1800W	0-18000W
Accuracy	0.2%+0.2%FS		0.2%+0.2%FS		0.2%+0.2%FS	
General Parameter						
Short Current	1200A		1500A		1200A	
Size (W*H*D) mm	550 X 810 X 720		550 X 990 X 720		550 X1165 X 720	
Weight (Kg)	153		202		242	

Model	PEL-9150S240120		PEL-9150S300120		PEL-9150S400120	
Power	2400W	24000W	3000W	30000W	4000W	40000W
Voltage Range	0-15V	0-150V	0-15V	0-150V	0-15V	0-150V
Current Range	0-120A	0-1200A	0-120A	0-1200A	0-120A	0-1200A
CC Mode						
Range	0-120A	0-1200A	0-120A	0-1200A	0-120A	0-1200A
Accuracy	0.05%+0.1%FS	0.1%+0.1%FS	0.05%+0.1%FS	0.1%+0.1%FS	0.05%+0.1%FS	0.1%+0.1%FS
CR Mode						
Range	0.0025Ω～25Ω	0.01Ω～500Ω	0.0025Ω～25Ω	0.01Ω～500Ω	0.0025Ω～25Ω	0.01Ω～500Ω
Accuracy	Vin/Rset*(0.2%)+0.2%IF.S		Vin/Rset*(0.2%)+0.2%IF.S		Vin/Rset*(0.2%)+0.2%IF.S	
CV Mode						
Range	0-15V	0-150V	0-15V	0-150V	0-15V	0-150V
Accuracy	0.05%+0.05%FS		0.05%+0.05%FS		0.05%+0.05%FS	
CP Mode						
Range	0-2400W	0-24000W	0-3000W	0-30000W	0-4000W	0-40000W
Accuracy	0.2%+0.2%FS		0.2%+0.2%FS		0.2%+0.2%FS	
Dynamic Mode						
T1&T2	0.025-10mS	1mS-30S	0.025-10mS	1mS-30S	0.025-10mS	1mS-30S
Slew Rate	20mA-4A/uS	0.2A-40A/uS	20mA-4A/uS	0.2A-40A/uS	20mA-4A/uS	0.2A-40A/uS
Accuracy	10%±20uS		10%±20uS		10%±20uS	
Measure Function						
Voltage Range	0-15V	0-150V	0-15V	0-150V	0-15V	0-150V
Accuracy	0.025%+0.05%FS		0.025%+0.05%FS		0.025%+0.05%FS	
Current Range	0-120A	0-1200A	0-120A	0-1200A	0-120A	0-1200A
Accuracy	0.05%+0.1%FS		0.05%+0.1%FS		0.05%+0.1%FS	
Power Range	0-2400W	0-24000W	0-3000W	0-30000W	0-4000W	0-40000W
Accuracy	0.2%+0.2%FS		0.2%+0.2%FS		0.2%+0.2%FS	
General Parameter						
Short Current	1200A		1200A		1200A	
Size (W*H*D) mm	550 X 1520 X 720		880 X1520 X 720		880X1680 X 720	
Weight (Kg)	316		400		496	

Programmable DC Electronic Load

PEL-9000S Series

Model	PEL-9600S124.8		PEL-9600S187.2		PEL-9600S249.6	
Power	120W	1200W	180W	1800W	240W	2400W
Voltage Range	0-60V	0-600V	0-60V	0-600V	0-60V	0-600V
Current Range	0-4.8A	0-48A	0-7.2A	0-72A	0-9.6A	0-96A
CC Mode						
Range	0-4.8A	0-48A	0-7.2A	0-72A	0-9.6A	0-96A
Accuracy	0.05%+0.1%FS	0.1%+0.1%FS	0.05%+0.1%FS	0.1%+0.1%FS	0.05%+0.1%FS	0.1%+0.1%FS
CR Mode						
Range	0.4Ω～4KΩ	17.5Ω～8KΩ	0.26Ω～2.8KΩ	11Ω～8KΩ	0.2Ω～2KΩ	8.75Ω～8KΩ
Accuracy	Vin/Rset*(0.2%)+0.2%IF.S		Vin/Rset*(0.2%)+0.2%IF.S		Vin/Rset*(0.2%)+0.2%IF.S	
CV Mode						
Range	0-60V	0-600V	0-60V	0-600V	0-60V	0-600V
Accuracy	0.05%+0.05%FS		0.05%+0.05%FS		0.05%+0.05%FS	
CP Mode						
Range	0-120W	0-1200W	0-180W	0-1800W	0-240W	0-2400W
Accuracy	0.2%+0.2%FS		0.2%+0.2%FS		0.2%+0.2%FS	
Dynamic Mode						
T1&T2	0.025-10mS	1mS-30S	0.025-10mS	1mS-30S	0.025-10mS	1mS-30S
Slew Rate	0.8mA-160mA/uS	8mA-1.6A/uS	1.2mA-240mA/uS	12mA-2.4A/uS	1.6mA-320mA/uS	16mA-3.2A/uS
Accuracy	10%±20uS		10%±20uS		10%±20uS	
Measure Function						
Voltage Range	0-60V	0-600V	0-60V	0-600V	0-60V	0-600V
Accuracy	0.025%+0.05%FS		0.025%+0.05%FS		0.025%+0.05%FS	
Current Range	0-4.8A	0-48A	0-7.2A	0-72A	0-9.6A	0-96A
Accuracy	0.05%+0.1%FS		0.05%+0.1%FS		0.05%+0.1%FS	
Power Range	0-120W	0-1200W	0-180W	0-1800W	0-240W	0-2400W
Accuracy	0.2%+0.2%FS		0.2%+0.2%FS		0.2%+0.2%FS	
General Parameter						
Short Current	48A		72A		96A	
Size (W*H*D) mm	425 X 175 X 640		425 X 175 X 640		425 X 175 X 640	
Weight (Kg)	20		24		28	

Model	PEL-9600S3012		PEL-9600S6024		PEL-9600S9036	
Power	300W	3000W	600W	6000W	900W	9000W
Voltage Range	0-60V	0-600V	0-60V	0-600V	0-60V	0-600V
Current Range	0-12A	0-120A	0-24A	0-240A	0-36A	0-360A
CC Mode						
Range	0-12A	0-120A	0-24A	0-240A	0-36A	0-360A
Accuracy	0.05%+0.1%FS	0.1%+0.1%FS	0.05%+0.1%FS	0.1%+0.1%FS	0.05%+0.1%FS	0.1%+0.1%FS
CR Mode						
Range	0.16Ω～1.7KΩ	7Ω～8KΩ	0.08Ω～850Ω	3.5Ω～7KΩ	0.055Ω～500Ω	2.3Ω～4.5KΩ
Accuracy	Vin/Rset*(0.2%)+0.2%IF.S		Vin/Rset*(0.2%)+0.2%IF.S		Vin/Rset*(0.2%)+0.2%IF.S	
CV Mode						
Range	0-60V	0-600V	0-60V	0-600V	0-60V	0-600V
Accuracy	0.05%+0.05%FS		0.05%+0.05%FS		0.05%+0.05%FS	
CP Mode						
Range	0-300W	0-3000W	0-600W	0-6000W	0-900W	0-9000W
Accuracy	0.2%+0.2%FS		0.2%+0.2%FS		0.2%+0.2%FS	
Dynamic Mode						
T1&T2	0.025-10mS	1mS-30S	0.025-10mS	1mS-30S	0.025-10mS	1mS-30S
Slew Rate	2mA-0.4A/uS	20mA-4A/uS	4mA-0.8A/uS	40mA-8A/uS	6mA-1.2A/uS	60mA-12A/uS
Accuracy	10%±20uS		10%±20uS		10%±20uS	
Measure Function						
Voltage Range	0-60V	0-600V	0-60V	0-600V	0-60V	0-600V
Accuracy	0.025%+0.05%FS		0.025%+0.05%FS		0.025%+0.05%FS	
Current Range	0-12A	0-120A	0-24A	0-240A	0-36A	0-360A
Accuracy	0.05%+0.1%FS		0.05%+0.1%FS		0.05%+0.1%FS	
Power Range	0-300W	0-3000W	0-600W	0-6000W	0-900W	0-9000W
Accuracy	0.2%+0.2%FS		0.2%+0.2%FS		0.2%+0.2%FS	
General Parameter						
Short Current	120A		240A		360A	
Size (W*H*D) mm	425 X 175 X 640		425 X 350 X 640		550 X 635 X 720	
Weight (Kg)	32		64		116	

Programmable DC Electronic Load

PEL-9000S Series

Model	PEL-9600S12048		PEL-9600S15060		PEL-9600S18072	
Power	1200W	12000W	1500W	15000W	1800W	18000W
Voltage Range	0-60V	0-600V	0-60V	0-600V	0-60V	0-600V
Current Range	0-48A	0-480A	0-60A	0-600A	0-72A	0-720A
CC Mode						
Range	0-48A	0-480A	0-60A	0-600A	0-72A	0-720A
Accuracy	0.05%+0.1%FS	0.1%+0.1%FS	0.05%+0.1%FS	0.1%+0.1%FS	0.05%+0.1%FS	0.1%+0.1%FS
CR Mode						
Range	0.04Ω～425Ω	1.75Ω～3.5KΩ	0.032Ω～340Ω	1.4Ω～2.8KΩ	0.026Ω～285Ω	1.16Ω～2.3KΩ
Accuracy	Vin/Rset*(0.2%)+0.2%IF.S		Vin/Rset*(0.2%)+0.2%IF.S		Vin/Rset*(0.2%)+0.2%IF.S	
CV Mode						
Range	0-60V	0-600V	0-60V	0-600V	0-60V	0-600V
Accuracy	0.05%+0.05%FS		0.05%+0.05%FS		0.05%+0.05%FS	
CP Mode						
Range	0-1200W	0-12000W	0-1500W	0-15000W	0-1800W	0-18000W
Accuracy	0.2%+0.2%FS		0.2%+0.2%FS		0.2%+0.2%FS	
Dynamic Mode						
T1&T2	0.025-10mS	1mS-30S	0.025-10mS	1mS-30S	0.025-10mS	1mS-30S
Slew Rate	8mA-1.6A/uS	80mA-16A/uS	10mA-2A/uS	0.1A-20A/uS	12mA-2.4A/uS	0.12A-24A/uS
Accuracy	10%±20uS		10%±20uS		10%±20uS	
Measure Function						
Voltage Range	0-60V	0-600V	0-60V	0-600V	0-60V	0-600V
Accuracy	0.025%+0.05%FS		0.025%+0.05%FS		0.025%+0.05%FS	
Current Range	0-48A	0-480A	0-60A	0-600A	0-72A	0-720A
Accuracy	0.05%+0.1%FS		0.05%+0.1%FS		0.05%+0.1%FS	
Power Range	0-1200W	0-12000W	0-1500W	0-15000W	0-1800W	0-18000W
Accuracy	0.2%+0.2%FS		0.2%+0.2%FS		0.2%+0.2%FS	
General Parameter						
Short Current	480A		600A		720A	
Size (W*H*D) mm	550 X 810 X 720		550 X 990 X 720		550 X1165 X 720	
Weight (Kg)	153		202		242	

Model	PEL-9600S24096		PEL-9600S300120		PEL-9600S400120	
Power	2400W	24000W	3000W	30000W	4000W	40000W
Voltage Range	0-60V	0-600V	0-60V	0-600V	0-60V	0-600V
Current Range	0-96A	0-960A	0-120A	0-1200A	0-120A	0-1200A
CC Mode						
Range	0-96A	0-960A	0-120A	0-1200A	0-120A	0-1200A
Accuracy	0.05%+0.1%FS	0.1%+0.1%FS	0.05%+0.1%FS	0.1%+0.1%FS	0.05%+0.1%FS	0.1%+0.1%FS
CR Mode						
Range	0.02Ω～210Ω	0.875Ω～1.7KΩ	0.016Ω～170Ω	0.7Ω～1.4KΩ	0.016Ω～170Ω	0.7Ω～1.4KΩ
Accuracy	Vin/Rset*(0.2%)+0.2%IF.S		Vin/Rset*(0.2%)+0.2%IF.S		Vin/Rset*(0.2%)+0.2%IF.S	
CV Mode						
Range	0-60V	0-600V	0-60V	0-600V	0-60V	0-600V
Accuracy	0.05%+0.05%FS		0.05%+0.05%FS		0.05%+0.05%FS	
CP Mode						
Range	0-2400W	0-24000W	0-3000W	0-30000W	0-4000W	0-40000W
Accuracy	0.2%+0.2%FS		0.2%+0.2%FS		0.2%+0.2%FS	
Dynamic Mode						
T1&T2	0.025-10mS	1mS-30S	0.025-10mS	1mS-30S	0.025-10mS	1mS-30S
Slew Rate	16mA-3.2A/uS	0.16A-32A/uS	20mA-4A/uS	0.2A-40A/uS	20mA-4A/uS	0.2A-40A/uS
Accuracy	10%±20uS		10%±20uS		10%±20uS	
Measure Function						
Voltage Range	0-60V	0-600V	0-60V	0-600V	0-60V	0-600V
Accuracy	0.025%+0.05%FS		0.025%+0.05%FS		0.025%+0.05%FS	
Current Range	0-96A	0-960A	0-120A	0-1200A	0-120A	0-1200A
Accuracy	0.05%+0.1%FS		0.05%+0.1%FS		0.05%+0.1%FS	
Power Range	0-2400W	0-24000W	0-3000W	0-30000W	0-4000W	0-40000W
Accuracy	0.2%+0.2%FS		0.2%+0.2%FS		0.2%+0.2%FS	
General Parameter						
Short Current	960A		1200A		1200A	
Size (W*H*D) mm	550 X 1520 X 720		880 X1520 X 720		880X1680 X 720	
Weight (Kg)	316		400		496	

Programmable DC Electronic Load

PEL-9000S Series

Model	PEL-9800S124.8		PEL-9800S187.2		PEL-9800S249.6	
Power	120W	1200W	180W	1800W	240W	2400W
Voltage Range	0-80V	0-800V	0-80V	0-800V	0-80V	0-800V
Current Range	0-4.8A	0-48A	0-7.2A	0-72A	0-9.6A	0-96A
CC Mode						
Range	0-4.8A	0-48A	0-7.2A	0-72A	0-9.6A	0-96A
Accuracy	0.05%+0.1%FS	0.1%+0.1%FS	0.05%+0.1%FS	0.1%+0.1%FS	0.05%+0.1%FS	0.1%+0.1%FS
CR Mode						
Range	0.4Ω～4KΩ	17.5Ω～8KΩ	0.26Ω～2.8KΩ	11Ω～8KΩ	0.2Ω～2KΩ	8.75Ω～8KΩ
Accuracy	Vin/Rset*(0.2%)+0.2%IF.S		Vin/Rset*(0.2%)+0.2%IF.S		Vin/Rset*(0.2%)+0.2%IF.S	
CV Mode						
Range	0-80V	0-800V	0-80V	0-800V	0-80V	0-800V
Accuracy	0.05%+0.05%FS		0.05%+0.05%FS		0.05%+0.05%FS	
CP Mode						
Range	0-120W	0-1200W	0-180W	0-1800W	0-240W	0-2400W
Accuracy	0.2%+0.2%FS		0.2%+0.2%FS		0.2%+0.2%FS	
Dynamic Mode						
T1&T2	0.025-10mS	1mS-30S	0.025-10mS	1mS-30S	0.025-10mS	1mS-30S
Slew Rate	0.8mA-160mA/uS	8mA-1.6A/uS	1.2mA-240mA/uS	12mA-2.4A/uS	1.6mA-320mA/uS	16mA-3.2A/uS
Accuracy	10%±20uS		10%±20uS		10%±20uS	
Measure Function						
Voltage Range	0-80V	0-800V	0-80V	0-800V	0-80V	0-800V
Accuracy	0.025%+0.05%FS		0.025%+0.05%FS		0.025%+0.05%FS	
Current Range	0-4.8A	0-48A	0-7.2A	0-72A	0-9.6A	0-96A
Accuracy	0.05%+0.1%FS		0.05%+0.1%FS		0.05%+0.1%FS	
Power Range	0-120W	0-1200W	0-180W	0-1800W	0-240W	0-2400W
Accuracy	0.2%+0.2%FS		0.2%+0.2%FS		0.2%+0.2%FS	
General Parameter						
Short Current	48A		72A		96A	
Size (W*H*D) mm	425 X 175 X 640		425 X 175 X 640		425 X 175 X 640	
Weight (Kg)	20		24		28	

Model	PEL-9800S3012		PEL-9800S6024		PEL-9800S9036	
Power	300W	3000W	600W	6000W	900W	9000W
Voltage Range	0-80V	0-800V	0-80V	0-800V	0-80V	0-800V
Current Range	0-12A	0-120A	0-24A	0-240A	0-36A	0-360A
CC Mode						
Range	0-12A	0-120A	0-24A	0-240A	0-36A	0-360A
Accuracy	0.05%+0.1%FS	0.1%+0.1%FS	0.05%+0.1%FS	0.1%+0.1%FS	0.05%+0.1%FS	0.1%+0.1%FS
CR Mode						
Range	0.16Ω～1.7KΩ	7Ω～8KΩ	0.08Ω～850Ω	3.5Ω～7KΩ	0.055Ω～500Ω	2.3Ω～4.5KΩ
Accuracy	Vin/Rset*(0.2%)+0.2%IF.S		Vin/Rset*(0.2%)+0.2%IF.S		Vin/Rset*(0.2%)+0.2%IF.S	
CV Mode						
Range	0-80V	0-800V	0-80V	0-800V	0-80V	0-800V
Accuracy	0.05%+0.05%FS		0.05%+0.05%FS		0.05%+0.05%FS	
CP Mode						
Range	0-300W	0-3000W	0-800W	0-8000W	0-900W	0-9000W
Accuracy	0.2%+0.2%FS		0.2%+0.2%FS		0.2%+0.2%FS	
Dynamic Mode						
T1&T2	0.025-10mS	1mS-30S	0.025-10mS	1mS-30S	0.025-10mS	1mS-30S
Slew Rate	2mA-0.4A/uS	20mA-4A/uS	4mA-0.8A/uS	40mA-8A/uS	6mA-1.2A/uS	60mA-12A/uS
Accuracy	10%±20uS		10%±20uS		10%±20uS	
Measure Function						
Voltage Range	0-80V	0-800V	0-80V	0-800V	0-80V	0-800V
Accuracy	0.025%+0.05%FS		0.025%+0.05%FS		0.025%+0.05%FS	
Current Range	0-12A	0-120A	0-24A	0-240A	0-36A	0-360A
Accuracy	0.05%+0.1%FS		0.05%+0.1%FS		0.05%+0.1%FS	
Power Range	0-300W	0-3000W	0-800W	0-8000W	0-900W	0-9000W
Accuracy	0.2%+0.2%FS		0.2%+0.2%FS		0.2%+0.2%FS	
General Parameter						
Short Current	120A		240A		360A	
Size (W*H*D) mm	425 X 175 X 640		425 X 350 X 640		550 X 635 X 720	
Weight (Kg)	32		64		116	

Programmable DC Electronic Load

PEL-9000S Series

Model	PEL-9800S12048		PEL-9800S15060		PEL-9800S18072	
Power	1200W	12000W	1500W	15000W	1800W	18000W
Voltage Range	0-80V	0-800V	0-80V	0-800V	0-80V	0-800V
Current Range	0-48A	0-480A	0-60A	0-600A	0-72A	0-720A
CC Mode						
Range	0-48A	0-480A	0-80A	0-800A	0-72A	0-720A
Accuracy	0.05%+0.1%FS	0.1%+0.1%FS	0.05%+0.1%FS	0.1%+0.1%FS	0.05%+0.1%FS	0.1%+0.1%FS
CR Mode						
Range	0.04Ω～425Ω	1.75Ω～3.5KΩ	0.032Ω～340Ω	1.4Ω～2.8KΩ	0.026Ω～285Ω	1.16Ω～2.3KΩ
Accuracy	Vin/Rset*(0.2%)+0.2%IF.S		Vin/Rset*(0.2%)+0.2%IF.S		Vin/Rset*(0.2%)+0.2%IF.S	
CV Mode						
Range	0-80V	0-800V	0-80V	0-800V	0-80V	0-800V
Accuracy	0.05%+0.05%FS		0.05%+0.05%FS		0.05%+0.05%FS	
CP Mode						
Range	0-1200W	0-12000W	0-1500W	0-15000W	0-1800W	0-18000W
Accuracy	0.2%+0.2%FS		0.2%+0.2%FS		0.2%+0.2%FS	
Dynamic Mode						
T1&T2	0.025-10mS	1mS-30S	0.025-10mS	1mS-30S	0.025-10mS	1mS-30S
Slew Rate	8mA-1.6A/uS	80mA-16A/uS	10mA-2A/uS	0.1A-20A/uS	12mA-2.4A/uS	0.12A-24A/uS
Accuracy	10%±20uS		10%±20uS		10%±20uS	
Measure Function						
Voltage Range	0-80V	0-800V	0-80V	0-800V	0-80V	0-800V
Accuracy	0.025%+0.05%FS		0.025%+0.05%FS		0.025%+0.05%FS	
Current Range	0-48A	0-480A	0-80A	0-800A	0-72A	0-720A
Accuracy	0.05%+0.1%FS		0.05%+0.1%FS		0.05%+0.1%FS	
Power Range	0-1200W	0-12000W	0-1500W	0-15000W	0-1800W	0-18000W
Accuracy	0.2%+0.2%FS		0.2%+0.2%FS		0.2%+0.2%FS	
General Parameter						
Short Current	480A		600A		720A	
Size (W*H*D) mm	550 X 810 X 720		550 X 990 X 720		550 X1165 X 720	
Weight (Kg)	153		202		242	

Model	PEL-9800S24096		PEL-9800S300120		PEL-9800S400120	
Power	2400W	24000W	3000W	30000W	4000W	40000W
Voltage Range	0-80V	0-800V	0-80V	0-800V	0-80V	0-800V
Current Range	0-96A	0-960A	0-120A	0-1200A	0-120A	0-1200A
CC Mode						
Range	0-96A	0-960A	0-120A	0-1200A	0-120A	0-1200A
Accuracy	0.05%+0.1%FS	0.1%+0.1%FS	0.05%+0.1%FS	0.1%+0.1%FS	0.05%+0.1%FS	0.1%+0.1%FS
CR Mode						
Range	0.02Ω～210Ω	0.875Ω～1.7KΩ	0.016Ω～170Ω	0.7Ω～1.4KΩ	0.016Ω～170Ω	0.7Ω～1.4KΩ
Accuracy	Vin/Rset*(0.2%)+0.2%IF.S		Vin/Rset*(0.2%)+0.2%IF.S		Vin/Rset*(0.2%)+0.2%IF.S	
CV Mode						
Range	0-80V	0-800V	0-80V	0-800V	0-80V	0-800V
Accuracy	0.05%+0.05%FS		0.05%+0.05%FS		0.05%+0.05%FS	
CP Mode						
Range	0-2400W	0-24000W	0-3000W	0-30000W	0-4000W	0-40000W
Accuracy	0.2%+0.2%FS		0.2%+0.2%FS		0.2%+0.2%FS	
Dynamic Mode						
T1&T2	0.025-10mS	1mS-30S	0.025-10mS	1mS-30S	0.025-10mS	1mS-30S
Slew Rate	16mA-3.2A/uS	0.16A-32A/uS	20mA-4A/uS	0.2A-40A/uS	20mA-4A/uS	0.2A-40A/uS
Accuracy	10%±20uS		10%±20uS		10%±20uS	
Measure Function						
Voltage Range	0-80V	0-800V	0-80V	0-800V	0-80V	0-800V
Accuracy	0.025%+0.05%FS		0.025%+0.05%FS		0.025%+0.05%FS	
Current Range	0-96A	0-960A	0-120A	0-1200A	0-120A	0-1200A
Accuracy	0.05%+0.1%FS		0.05%+0.1%FS		0.05%+0.1%FS	
Power Range	0-2400W	0-24000W	0-3000W	0-30000W	0-4000W	0-40000W
Accuracy	0.2%+0.2%FS		0.2%+0.2%FS		0.2%+0.2%FS	
General Parameter						
Short Current	960A		1200A		1200A	
Size (W*H*D) mm	550 X 1520 X 720		880 X1520 X 720		880X1680 X 720	
Weight (Kg)	316		400		496	

Programmable DC Electronic Load

PEL-9000S Series

Model	PEL-91200S3012		PEL-91200S6024		PEL-91200S9036	
Power	300W	3000W	600W	6000W	900W	9000W
Voltage Range	0-120V	0-1200V	0-120V	0-1200V	0-120V	0-1200V
Current Range	0-12A	0-120A	0-24A	0-240A	0-36A	0-360A
CC Mode						
Range	0-12A	0-120A	0-24A	0-240A	0-36A	0-360A
Accuracy	0.05%+0.1%FS	0.1%+0.1%FS	0.05%+0.1%FS	0.1%+0.1%FS	0.05%+0.1%FS	0.1%+0.1%FS
CR Mode						
Range	0.32Ω～3.4KΩ	14Ω～8KΩ	0.16Ω～1.7KΩ	7Ω～8KΩ	0.11Ω～1KΩ	4.6Ω～8KΩ
Accuracy	Vin/Rset*(0.2%)+0.2%IF.S		Vin/Rset*(0.2%)+0.2%IF.S		Vin/Rset*(0.2%)+0.2%IF.S	
CV Mode						
Range	0-120V	0-1200V	0-120V	0-1200V	0-120V	0-1200V
Accuracy	0.05%+0.05%FS		0.05%+0.05%FS		0.05%+0.05%FS	
CP Mode						
Range	0-300W	0-3000W	0-1200W	0-12000W	0-900W	0-9000W
Accuracy	0.2%+0.2%FS		0.2%+0.2%FS		0.2%+0.2%FS	
Dynamic Mode						
T1&T2	0.025-10mS	1mS-30S	0.025-10mS	1mS-30S	0.025-10mS	1mS-30S
Slew Rate	2mA-0.4A/uS	20mA-4A/uS	4mA-0.8A/uS	40mA-8A/uS	6mA-1.2A/uS	60mA-12A/uS
Accuracy	10%±20uS		10%±20uS		10%±20uS	
Measure Function						
Voltage Range	0-120V	0-1200V	0-120V	0-1200V	0-120V	0-1200V
Accuracy	0.025%+0.05%FS		0.025%+0.05%FS		0.025%+0.05%FS	
Current Range	0-12A	0-120A	0-24A	0-240A	0-36A	0-360A
Accuracy	0.05%+0.1%FS		0.05%+0.1%FS		0.05%+0.1%FS	
Power Range	0-300W	0-3000W	0-1200W	0-12000W	0-900W	0-9000W
Accuracy	0.2%+0.2%FS		0.2%+0.2%FS		0.2%+0.2%FS	
General Parameter						
Short Current	120A		240A		360A	
Size (W*H*D) mm	425 X 175 X 640		425 X 350 X 640		550 X 635 X 720	
Weight (Kg)	32		64		116	

Model	PEL-91200S12048		PEL-91200S15060		PEL-91200S18072	
Power	1200W	12000W	1500W	15000W	1800W	18000W
Voltage Range	0-120V	0-1200V	0-120V	0-1200V	0-120V	0-1200V
Current Range	0-48A	0-480A	0-60A	0-600A	0-72A	0-720A
CC Mode						
Range	0-48A	0-480A	0-120A	0-1200A	0-72A	0-720A
Accuracy	0.05%+0.1%FS	0.1%+0.1%FS	0.05%+0.1%FS	0.1%+0.1%FS	0.05%+0.1%FS	0.1%+0.1%FS
CR Mode						
Range	0.08Ω～850Ω	3.5Ω～7KΩ	0.064Ω～680Ω	2.8Ω～5.6KΩ	0.052Ω～570Ω	2.32Ω～4.6KΩ
Accuracy	Vin/Rset*(0.2%)+0.2%IF.S		Vin/Rset*(0.2%)+0.2%IF.S		Vin/Rset*(0.2%)+0.2%IF.S	
CV Mode						
Range	0-120V	0-1200V	0-120V	0-1200V	0-120V	0-1200V
Accuracy	0.05%+0.05%FS		0.05%+0.05%FS		0.05%+0.05%FS	
CP Mode						
Range	0-1200W	0-12000W	0-1500W	0-15000W	0-1800W	0-18000W
Accuracy	0.2%+0.2%FS		0.2%+0.2%FS		0.2%+0.2%FS	
Dynamic Mode						
T1&T2	0.025-10mS	1mS-30S	0.025-10mS	1mS-30S	0.025-10mS	1mS-30S
Slew Rate	8mA-1.6A/uS	80mA-16A/uS	10mA-2A/uS	0.1A-20A/uS	12mA-2.4A/uS	0.12A-24A/uS
Accuracy	10%±20uS		10%±20uS		10%±20uS	
Measure Function						
Voltage Range	0-120V	0-1200V	0-120V	0-1200V	0-120V	0-1200V
Accuracy	0.025%+0.05%FS		0.025%+0.05%FS		0.025%+0.05%FS	
Current Range	0-48A	0-480A	0-120A	0-1200A	0-72A	0-720A
Accuracy	0.05%+0.1%FS		0.05%+0.1%FS		0.05%+0.1%FS	
Power Range	0-1200W	0-12000W	0-1500W	0-15000W	0-1800W	0-18000W
Accuracy	0.2%+0.2%FS		0.2%+0.2%FS		0.2%+0.2%FS	
General Parameter						
Short Current	480A		600A		720A	
Size (W*H*D) mm	550 X 810 X 720		550 X 990 X 720		550 X1165 X 720	
Weight (Kg)	153		202		242	

Programmable DC Electronic Load

PEL-9000S Series

Model	PEL-91200S24096		PEL-91200S300120		PEL-91200S400120	
Power	2400W	24000W	3000W	30000W	4000W	40000W
Voltage Range	0-120V	0-1200V	0-120V	0-1200V	0-120V	0-1200V
Current Range	0-96A	0-960A	0-120A	0-1200A	0-120A	0-1200A
CC Mode						
Range	0-96A	0-960A	0-120A	0-1200A	0-120A	0-1200A
Accuracy	0.05%+0.1%FS	0.1%+0.1%FS	0.05%+0.1%FS	0.1%+0.1%FS	0.05%+0.1%FS	0.1%+0.1%FS
CR Mode						
Range	0.04Ω～420Ω	1.75Ω～3.4KΩ	0.032Ω～340Ω	1.4Ω～2.8KΩ	0.032Ω～340Ω	1.4Ω～2.8KΩ
Accuracy	Vin/Rset*(0.2%)+0.2%IF.S		Vin/Rset*(0.2%)+0.2%IF.S		Vin/Rset*(0.2%)+0.2%IF.S	
CV Mode						
Range	0-120V	0-1200V	0-120V	0-1200V	0-120V	0-1200V
Accuracy	0.05%+0.05%FS		0.05%+0.05%FS		0.05%+0.05%FS	
CP Mode						
Range	0-2400W	0-24000W	0-3000W	0-30000W	0-4000W	0-40000W
Accuracy	0.2%+0.2%FS		0.2%+0.2%FS		0.2%+0.2%FS	
Dynamic Mode						
T1&T2	0.025-10mS	1mS-30S	0.025-10mS	1mS-30S	0.025-10mS	1mS-30S
Slew Rate	16mA-3.2A/uS	0.16A-32A/uS	20mA-4A/uS	0.2A-40A/uS	20mA-4A/uS	0.2A-40A/uS
Accuracy	10%±20uS		10%±20uS		10%±20uS	
Measure Function	Measure Function		Measure Function		Measure Function	
Voltage Range	0-120V	0-1200V	0-120V	0-1200V	0-120V	0-1200V
Accuracy	0.025%+0.05%FS		0.025%+0.05%FS		0.025%+0.05%FS	
Current Range	0-96A	0-960A	0-120A	0-1200A	0-120A	0-1200A
Accuracy	0.05%+0.1%FS		0.05%+0.1%FS		0.05%+0.1%FS	
Power Range	0-2400W	0-24000W	0-3000W	0-30000W	0-4000W	0-40000W
Accuracy	0.2%+0.2%FS		0.2%+0.2%FS		0.2%+0.2%FS	
General Parameter						
Short Current	960A		1200A		1200A	
Size (W*H*D) mm	550 X 1520 X 720		880 X1520 X 720		880X1680 X 720	
Weight (Kg)	316		400		496	

Model selection table of 150V series products

Model	Voltage	Current	Power
PEL-9150S1212	0-150V	120A	1200W
PEL-9150S1818	0-150V	180A	1800W
PEL-9150S2424	0-150V	240A	2400W
PEL-9150S3030	0-150V	300A	3000W
PEL-9150S6060	0-150V	600A	6000W
PEL-9150S9090	0-150V	900A	9000W
PEL-9150S120120	0-150V	1200A	12KW
PEL-9150S150150	0-150V	1500A	15KW
PEL-9150S180120	0-150V	1200A	18KW
PEL-9150S240120	0-150V	1200A	24KW
PEL-9150S300120	0-150V	1200A	30KW
PEL-9150S400120	0-150V	1200A	40KW

Model selection table of 600V series products

Model	Voltage	Current	Power
PEL-9600S124.8	0-600V	48A	1200W
PEL-9600S187.2	0-600V	72A	1800W
PEL-9600S249.6	0-600V	96A	2400W
PEL-9600S3012	0-600V	120A	3000W
PEL-9600S6024	0-600V	240A	6000W
PEL-9600S9036	0-600V	360A	9000W
PEL-9600S12048	0-600V	480A	12KW
PEL-9600S15060	0-600V	600A	15KW
PEL-9600S18072	0-600V	720A	18KW
PEL-9600S24096	0-600V	960A	24KW
PEL-9600S300120	0-600V	1200A	30KW
PEL-9600S400120	0-600V	1200A	40KW

Model selection table of 800V series products

Model	Voltage	Current	Power
PEL-9800S124.8	0-800V	48A	1200W
PEL-9800S187.2	0-800V	72A	1800W
PEL-9800S249.6	0-800V	96A	2400W
PEL-9800S3012	0-800V	120A	3000W
PEL-9800S6024	0-800V	240A	6000W
PEL-9800S9036	0-800V	360A	9000W
PEL-9800S12048	0-800V	480A	12KW
PEL-9800S15060	0-800V	600A	15KW
PEL-9800S18072	0-800V	720A	18KW
PEL-9800S24096	0-800V	960A	24KW
PEL-9800S300120	0-800V	1200A	30KW
PEL-9800S400120	0-800V	1200A	40KW

Model selection table of 1200V series products

Model	Voltage	Current	Power
PEL-91200S3012	0-1200V	120A	3000W
PEL-91200S6024	0-1200V	240A	6000W
PEL-91200S9036	0-1200V	360A	9000W
PEL-91200S12048	0-1200V	480A	12KW
PEL-91200S15060	0-1200V	600A	15KW
PEL-91200S18072	0-1200V	720A	18KW
PEL-91200S24096	0-1200V	960A	24KW
PEL-91200S300120	0-1200V	1200A	30KW
PEL-91200S400120	0-1200V	1200A	40KW

High precision Power Meter

MPM-1010/1010B





- The six test parameters V, A, P, PF/F/Apk
- The upper and lower limit of power factor, current and power, and there is a sound light alarm, suitable for production line batch test
- The wider frequency response is 15hz-650hz, exceeding all products at the same level
- Direct way saves the wiring trouble, enhance the security and convenience
- Precision resistance sampling technology, suitable for a wider range of products

MPM-1010 high-precision power meter applies direct plug mode instead of traditional terminal posts according to customers suggestion, to improve safety and convenience. The voltage and current sampling section uses precision resistance direct sampling instead of traditional transformer sampling, which ensures the original data is undistorted and improves the accuracy of the instrument. And this machine is especially adapted to some half wave and other various waveform measurement of DC component, testing full wave resistance, the distorted wave, half wave, symmetrical and unsymmetrical square wave, triangle wave, sawtooth wave and other special waveform under AC mode. It is a high cost-effective product with novel appearance and scientific design. It is widely used in mobile phone charger, adapter, switch power, household appliance, transformer and other industries.

Model	MPM-1010	MPM-1010B
4 window display	V, A P, Apk/PF/F	V, A P, Apk/PF/F
The input voltage	1V~300V	1V~300V
Input current	2mA-10A	2mA-10A
Power range	0.3W-3000W	0.01W-3000W
Precision	0.4%RD+0.1%FS+1d	0.4%RD+0.1%FS+1d
Switch range	automatic	automatic
Power factor	-1.000/+1.000	-1.000/+1.000
Frequency response	AC:15Hz~650Hz	AC:15Hz~650Hz
Hi - Low setting	V、A、P、PF	V、A、P、PF
Sound and light alarm	√	√
The key lock	√	√
The machine electricity	110V/220V Switchable	110V/220V Switchable
Communication methods	/	RS-232
Net weight (kg)	2.5	2.5
Gross weight (kg)	3.6	3.6
Instrument size (W*H*D)	225*100*305	220*105*360
Packing size (W*H*D)	300*210*420	300*210*480

Digital LCR Meter

MCR-5000 Series





MCR5000 series is a multifunctional LCR precision meter used for testing various electronic components. Adopt 4.3-inch TFT LCD display, simple display, elegant layout. It is a high speed, wide band, 5 bit test resolution impedance measuring instrument with 40hz-200khz multiple frequency points and 0.1% accuracy, which can meet the requirements of component parameter detection in various occasions. Is a high - quality cost-effective tester

Standard USB Host☑ RS232☑ Handler(MCR5100/5200) ☑

Optional USB Device☐ GPIB☐ Earphone Jack☐ Foot Pedal☐

- With new 32-bit core processor, the data is as good as the one of foreign first-class equipment
- 4.3 inch true color TFT display
- 30Ω , 100Ω two types of different signal source output resistance
- Built - in comparator, 5 grade flexible quanlified and defective alarming mode shutdown automatically save test conditions, humanized operation
- Internal more than 100 sets of settings files, U disk extension to save multiple groups of test or recall simplified Chinese, English is optional
- U disk copy screen function, test data saving function, support FAT16 format, FAT32 file system,standard with RS232, USB HOST
- USB DEVICE, headphone interface, foot pedal interface and GPIB are optional

Model	MCR-5010	MCR-5030	MCR-5100	MCR-5200
Test parameter	L,C, R, | Z|, D, Q , X , ESR , θ(Deg),θ(Rad)			
Test frequency	100Hz、120Hz、1kHz 、10kHz	100Hz、120Hz、1kHz、10kHz、20kHz、30kHz	40Hz、50Hz、60Hz、75Hz、100Hz、120Hz、150Hz、200Hz、250Hz、300Hz、400Hz、500Hz、600Hz、750Hz、800Hz、1kHz、1.5kHz 、2kHz、2.5kHz、3kHz、4kHz 、5kHz、6kHz、7.5kHz、10kHz 、12kHz、15kHz、15.7kHz、16.2kHz、20kHz、25kHz、30kHz、40kHz、50kHz、60kHz 、66.6kHz、75kHz、100kHz in total 38 frequency points	40Hz、50Hz、60Hz、75Hz、100Hz、120Hz、150Hz、200Hz、250Hz、300Hz、400Hz、500Hz、600Hz、750Hz、800Hz、1kHz、1.5kHz、2kHz、2.5kHz、3kHz、4kHz、5kHz、6kHz、7.5kHz、10kHz、12kHz、15kHz、15.7kHz 、16.2kHz、20kHz、25kHz、30kHz、40kHz、50kHz、60kHz、66.6kHz、75kHz、100kHz、120kHz、150kHz、200kHz in total 41 frequency points
Basic measurement accuracy	0.15%	0.1%		
Test signal level	0.05V, 0.1V、0.2V, 0.25V,0.3V、0.3V, 0.4V, 0.5V, 1V			
Equivalent circuit	In series, in parallel			
Mathematical functions	Percentage deviation			
Range way	Automatic, hold, manual selection			
Trigger mode	Internal, manual, external, bus			
Measure speed (≥1kHz)	High speed: The fastest is 30 times/second, middle speed: 10times/second,low speed: 3times/second			
Average time	1—255			
Delay time	0—6s, step is 1ms			
Calibration function	Open circuit/ short circuit / quick reset			
Display mode	Direct reading , Δ% , V/I (Measured voltage/current monitoring)			
Displayer	5 digit display of main and minor parameters , 4.3 inch true color LCD displayer			
Output impedance	30 Ω, 100Ω optional			
Display range				
|Z|, R , X , ESR	0.1mΩ — 99.999MΩ			
C	0.01 pF — 9.9999F			
L	0.01 μH — 99999 H			
D	0.0001 — 9.9999			
Q	0.0001 — 9999.9			
θ (Deg)	-179.99° — 179.99°			
θ (Rad)	-3.1416 — 3.1416			
Δ%	-999.99% — 999.99%			
Others				
Comparator function	5 grades of sorting function((Except MCR5010))			
Storage	More than 100 sets of internal instrument settings for storage/call, U disk extension of more than 500 sets			
Port	RS232、HANDLER(Except MCR5010/5030)、USB HOST are standard			
Net weight (kg)	3.5			
Gross weight (kg)	4.5			
Instrument size (W*H*D)	240*100*330			
Packing size (W*H*D)	330*210*425			

High Precision LCR Meter

MCR-6000A Series





LCR 6000A series high-precision digital bridge is a multi-function component parameter tester for detecting various electronic components. Tell, stable, 12Hz-600kHz continuous frequency point and 0.05% accuracy, can meet the requirements of production line quality control, purchase inspection and laboratory measurement, etc.

Standard USB Host☑ USB Device☑ RS232☑ Handler ☑

Optional GPIB☐ Headphone Jack☐ Foot Pedal☐

- With new 32-bit core, as good as first class equipments
- 4. 3inch true color TFT display
- 12Hz-600kHz testing frequency, frequency point continuously adjustable
- 0.05% bacis testing accuracy, high speed in testing
- 0V,1.5V, 2V, Internal DC bias. Accuracy: 1%
- Automatic level control function
- 30Ω, 50Ω, 100Ω, 10/CC four different signal output impedance
- Built-in comparator, 11 files sorting and file counting function
- 10-point list scan function
- The software upgrade and update of the machine can be realized through the U disk
- U disk copy screen function can save data, support FAT32 data system
- Standard with RS232C, USB HOST, USB DEVICE HANDLER
- Matching GPIB, headphone jack.

Model		MCR-6100A	MCR-6200A	MCR-6600A
Test parameter		| Z|, |Y|, C, L, X, B, R, G, D, Q, θ ,DCR		
Test frequency		12Hz-100kHz	12Hz-200kHz	12Hz-600kHz
Basic testingf accuracy		0.05%		
Equivalent circuit		In series, in parallel		
Mathematical functions		Percentage deviation		
Range way		Automatic, hold, manual selection		
Trigger mode		Internal, manual, external, bus		
Measure speed (≥1kHz)		High speed: The fastest is 75 times/second (customizable) , middle : 12times/second,low: 3times/second		
Average time		1—255		
Delay time		0—6s, step is 1ms		
Calibration function		Open circuit/ short circuit / quick reset		
Display mode		Direct reading , Δ , Δ% , V/I (Measured voltage/current monitoring)		
Displayer		5 digit display of main and minor parameters , 4.3 inch true color LCD displayer		
Testing signal				
Output impedance		30 Ω , 100Ω , 10/100 , 10/CC optional		
Test signal level		Normal : 5mV~2V Accuracy : 10% , 1mV step Constant level : 10mV~1V Accuracy : 5% , 1mV step See product manual for details		
DC bias source	Internal	0V , 1.5V , 2V , Accuracy 1%		
	Matching	IV1A:0~1A DC bias source option		
Display range				
|Z|, R , X		0.01mΩ — 99.9999 MΩ		
DCR		0.001 mΩ — 99.9999 MΩ		
|Y|, G , B		0.00001μS — 99.9999S		
C		0.00001pF — 9.9999F		
L		0.00001μH — 99.9999kH		
D		0.00001 — 9.9999		
Q		0.00001 — 9999.9		
θ (DEG)		-179.999° — 179.999°		
θ (RAD)		-3.14159 — 3.14159		
Comparator function		10 grade: (9 grades qualified, 1 grades not qualified), otherwise with AUX grade		
Multiparameter		Four parameters can be selected for simultaneous measurement and display		
Curve scan function		Under various test conditions, perform graphic scanning analysis on the test piece		
Storage		More than 100 sets of internal instrument settings for storage /call, U disk extension of more than 500 sets		
Interface		Standard with RS232C, HANDLER, USB HOST, USB DEVICE, Headphone jack, Foot pedal interface; Matching with GPIB, LAN		
Instrument size (W*H*D)		265*100*340		
Packing size (W*H*D)		335*210*420		
Net weight (kg)		4.5		
Gross weight (kg)		5.8		

High Precision LCR Meter

MCR-8000H Series





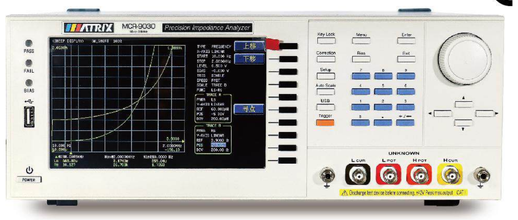
- With new 32-bit core, as good as first class equipments
- 7 inch true color TFT display
- 20Hz-5MHz testing frequency, frequency point continuously adjustable
- 0.05% bacis testing accuracy, high speed in testing.
- -5V~+5V(-100mA~+100mA)Internal DC bias
- Automatic level control function
- Graphic scan analysis function, support frequency / level/offset scanning, display the characteristics
- 30Ω , 50Ω, 100Ω, 10/CC four different signal outp out impedance
- Built-in comparator, 10 files sorting and file counting function
- 10-point list scan function
- The software upgrade and update of the machine can be realized through the U disk
- U disk copy screen function can save data, support FAT32 data system
- Standard with RS232C, USB HOST, USB DEVICE HANDLER, headphone jack, foot pedal interface
- Matching GPIB

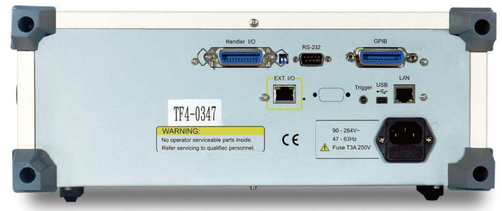
Standard USB Host☑ USB Device☑ RS232☑ Handler ☑ Headphone Jack☑ Foot Pedal☑ Optional GPIB☐

Model		MCR-8100H	MCR-8200H	MCR-8500H
Test parameter		| Z|, |Y|, C, L, X, B, R, G, D, Q, θ ,DCR		
Test frequency		20Hz-1MHz,0.0001Hz resolution	20Hz-2MHz,0.0001Hz resolution	20Hz - 5 MHz，0.0001Hz resolution
Basic testingf accuracy		0.05%		
Equivalent Circuit		In series, in parallel		
Mathematical functions		Absolute deviation , percentage deviation		
Range way		Automatic, hold, manual selection		
Trigger mode		Internal, manual, external, bus		
Measure speed (≥1kHz)		High speed: The fastest is 200 times/second (customizable) , middle : 12times/second,low: 3times/second		
Average time		1—255		
Delay time		0—6s, step is 1ms		
Calibration function		Open circuit/ short circuit / load		
Display mode		Direct reading , Δ% , V/I (Measured voltage/current monitoring)		
Displayer		800*480 RGB 7 inch 16 : 9 TFT LCD display		
Testing signal				
Output impedance		30 Ω , 100Ω , 10/100 , 10/CC optional		
Test signal level		Normal : 10mV~5V Accuracy : 10% , 1mV step Constant level : 10mV~1V Accuracy : 5% , 1mV step		
DC bias source	Internal	-5V~+5V(-100mA~+100mA)Built-in bias current source , 5% , 1mV step		
	Matching	IV100mA:±10V(±100mA)DC bias source option		
		IV1A:0~1 DC bias source option		
Display range				
|Z|, R , X		0.01mΩ — 99.9999 MΩ		
DCR		0.01 mΩ — 99.9999 MΩ		
|Y|, G , B		0.00001μS — 99.9999S		
C		0.00001pF — 9.9999F		
L		0.00001μH — 99.9999kH		
D		0.00001 — 9.9999		
Q		0.00001 — 9999.9		
θ (DEG)		-179.999° — 179.999°		
θ (RAD)		-3.14159 — 3.14159		
Comparator function		10 grade: (9 grades qualified, 1 grades not qualified), otherwise with AUX grade		
Storage		More than 100 sets of internal instrument settings for storage/call,U disk extension of more than 500 sets		
Interface		Standard with RS232C, HANDLER, USB HOST; Matching with USB DEVICE, Headphone jack, Foot pedal interface,GPIB		
Instrument size (W*H*D)		370*125*340		
Packing size (W*H*D)		445*260*495		
Net weight (kg)		7.4		
Gross weight (kg)		9.7		

Precision Impedance Analyzer

MCR-9000 Series





Standard USB Host☑ USB Device☑ RS232☑ Handler ☑ Headphone Jack☑ Foot Pedal☑ Optional GPIB☐

- Signal source frequency range: DC,10Hz~5/10/20/30MHz
- Source position: variable voltage 10mV~2V/Variable current 200μA~20mA
- Basic impedance measuring accuracy: ±0.05%
- Automatic level control(ALC)function
- Output impedance 25Ω/100Ω switchable
- High cost efficient. Have basic measuring, drawing analysis function, also have support dielectric and permeability measurement
- High meauring speed<3mS(fastest)
- Open circuit/ short circuit/ load correction function
- Up to four component parameters can be selected in the meter mode. and the inductance value and DCR value can be measured and displayed simultaneously
- Automatic component classification :Conparator and Bin classification function of HANDLER interface
- Built-in DC bias voltage -12V ~+12V(6632)
- USB/GPIB/RS232/LAN Interface, Optional PC connection data analysis software can be purchased for fast automation and data access
- Ultra low power consumption<30W, fanless design, zero noise

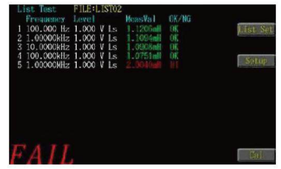
| Select the scan function to display the curve chart

The graph displays the measurement information on the screen as a graph. Through the graph scanning function, the electrical characteristics of the component can be analyzed quickly



| The multi-step list tests the automatic programming capabilities

The customer can perform a series of measurements on the component according to a self-defined sequence of steps When all the test steps are completed, the screen will display the test results of the parameters selected for each step (PASS/HI/LO)or upload the data to the computer



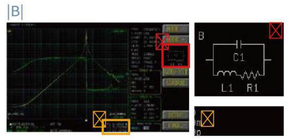
| Seven types, equivalent line analysis(optional)

Modeling and curve simulation of various equivalent circuit models. seven different models. combined with different types of parameters(resistance, inductance, capacitance), can see three or four component values, as well as the self-resonance frequency(SRF)

|A|



|B|



|C|



|D|



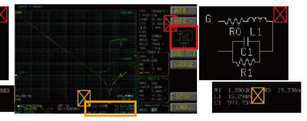
|E|



|F|



|G|



| Standard accessories

- Terminal connection: 4-Terminal Pair, BNC
- Test object speed connection: 4-Terminal
- Size (approximately): 96x34x49mm (W/H/D)
- Weight (approximately): 170g
- Applicable models: 6363-6367/6630/6632
- Frequency: DC to 50 MHZ
- Maximum voltage: ± 42Vpeak max. (AC+DC)
- Startup temperature: 0 ℃ to 55 ° C
- Test object size: 60mm/2mm

High frequency DIP fixture （MF-6019）



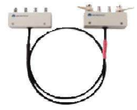
| Optional accessories

- Kelvin testing lead（MF-4001）
- BNC test extension cord（MF-3001A/B/C）
- High frequency DIP component test fixture（MF-6006）
- Dielectric constant fixture（MF-6007）
- Permeability coefficient fixture（MF-6008）
- Material test fixture（MF-6009）
- High frequency precision down-pressure SMD test fixture（MF-6010）
- High frequency precision tweezers type test wire clamp（MF-6011）
- High frequency precision SMD test fixture（MF-6012）
- (Liquid Dielectric Material Test Fixture)（MF-6020）

MF-4001



MF-3001A/B/C



MF-6006



MF-6007



MF-6008



MF-6009



MF-6010



MF-6011



MF-6012

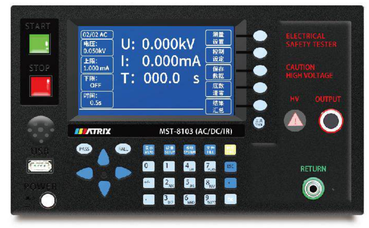


Model	MCR-9005	MCR-9010	MCR-9020	MCR-9030
Test parameter	| Z|, |Y|, C, L, X, B, R, G, D, Q, θ ,DCR , Vdc-Idc , ESR,μr , εr			
Test frequency	10Hz-5mHz	10Hz-10mHz	10Hz-20mHz	10Hz-30mHz
Minimum resolution	100mHz, 6-digit frequency input			
Accuracy	7ppm±100mHz			
Basic measurement accuracy	0.08%			
AC measuring				
Test signal voltage range	10mV~2Vrms			
Minimum voltage resolution	1mV			
Accuracy	ALC OFF:10%* Set voltage ±2mV ALC ON:6%* Set voltage±2mV			
Test signal current range	200μA~200mArms			
Minimum resolution current	10μA			
Accuracy	ALC OFF:10%* Set current ±20μA ALC ON:6%* Set current ±20μA			
Measuring speed (fastest)	< 3ms			
Output impedance	Switchable 25Ω , 100Ω			
Measurement mode	Meter mode,Multi-step list,Graphics scan			
Calibration function	Open circuit / short circuit / load			
Equivalent Circuit	Series , Parallel			
Equivalent model analysis (optional)	Three components(4 models), four components (3 models)			
Multi-step list test	15 test steps			
Built-in DC bias voltage	-12~+12V , 100Hz~30MHz			
PC LINK / CPK report environment	Optional			
Internal storage memory	100 groups of LCR meter setting files , 50 groups of multi-step test setup(each group have 15 test steps)			
External USB memory	lcr meter setting files, BPM image,multi-step test configuration file,scan image and data			
Parameter measuring range	|Z|	0.000mΩ~9999.99MΩ	Cs,Cp	0.00000pF~9999.99F
	R,X	±0.000mΩ~9999.99MΩ	Ls,Lp	±0.000nH~9999.99kH
	|Y|	0.00000μS~999.999kS	D	0.00000~9999.99
	G,B	±0.00000μS~999.999kS	Q	±0.00~9999.99
	θRAD	±0.00000~3.14159	Δ	±0.00%~9999.99%
	θDEG	±0.000°~180.000°	Rdc	0.00mΩ~99.999MΩ
	εr ′ εr″	0~100000	μr′ μr″	0~100000
interface	I/O interface	HANDLER		
	Serial communication interface	USB、RS232、LAN		
	Parallel communication interface	GPIB		
Display	7.0 "TFT , 800*480 color display			
Operating environment	Temperature : 10℃~40℃ , Humidity≤80%RH			
Input power supply	Voltage	90~264Vac	Frequency	47~63Hz
Instrument size (W*H*D)	359*147*343			
Packing size (W*H*D)	495*280*480			
Net weight (kg)	3.95			
Gross weight (kg)	6.3			

Programmable Electrical Safety Tester

MST-8101/8103

Standard RS232☑



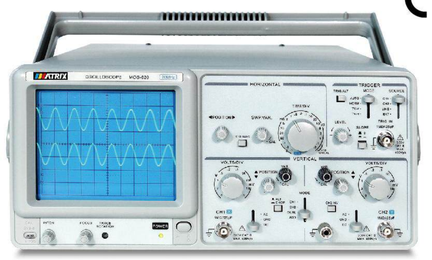


- 4.3-inch TFT color screen display, clear at a glance
- 105 test files can be compiled, and 25 test steps can be set for each file
- Current resolution up to 0.1μA, accurate
- Automatic discharge function after the test is over
- Up to 10GΩ insulation resistance test range
- 100VA capacity

Model			MST-8101	MST-8103
Function Description			AC	AC/DC/IR
Withstand voltage test				
lose Out Electricity Pressure	AC	voltage range	0.050kV—5.000kV	0.050kV—5.000kV
		Voltage waveform	Sine wave	Sine wave
		Distortion	＜3%	＜3%
		working frequency	50、60Hz optional	50、60Hz optional
		Frequency accuracy	±1%	±1%
		Output Power	100VA（20mA）	100VA（20mA）
		Voltage regulation rate	±（1.0% +50V) (rated power)	±（1.0% +50V) (rated power)
	DC	voltage range	-	0.050 kV—6.00kV
		Signal source frequency	-	600Hz
		Output Power	-	50VA（10mA）
		Voltage regulation rate	-	±（1.0% +100V) (rated power)
	Voltage resolution		1V	1V
	Voltage test accuracy		±2%	±2%
	Voltage generation method		DDS signal source plus class AB power amplifier	DDS signal source plus class AB power amplifier
Electricity flow Measurement test Fan Surround	AC	Current range	0.001mA – 20.00 mA	0.001mA – 20.00 mA
		Short circuit current (momentary)	>40 mA	>40 mA
		Current resolution	0.001 mA	0.001 mA
		Current accuracy	± (2% of reading + 2 words)	± (2% of reading + 2 words)
		Actual current	OFF-0.001 mA-20 mA	OFF-0.001 mA-20 mA
	DC	Current range	-	0.1uA – 10.00mA
		Current accuracy	-	± (2% reading + 2 digits)
	Discharge function			Automatic discharge after the test (DCW)
Insulation resistance test (MST-8103 only)				
The output voltage			0.050V – 1.000kV	
Voltage resolution			1V	
Voltage test accuracy			±2%	
Maximum output current			10mA	
Maximum output power			10VA（1000V/10mA）	
Output instantaneous short-circuit current			>20mA	
Load Regulation			≤ 1 % (rated power)	
Ripple (1kV)			≤ 3% (1kV , no load)	
Discharge function			Automatic discharge after the test	
Resistance measurement range			0.1MΩ– 10GΩ	
Resistance measurement accuracy			Voltage < 500V: 0.2M Ω ~ 1G Ω accuracy: [± 10% reading + 5 words] 1G Ω ~ 10G Ω accuracy: [± 20% reading + 5 words] Voltage > 500V: 0.2M Ω ~ 1G Ω accuracy: ± [3% reading + 5 words] 1G Ω ~ 10G Ω accuracy: ± [7% reading + 5 words]	
Arc detection			MST-8101	MST-8103
Measuring range	AC、DC		AC:1mA – 20mA (9 gears, fine-tuning)	AC、DC:1mA – 20mA(9 gears, fine-tuning)
Comparators				
Discrimination method			Window comparator mode I at the ON : When I at <Ix <I on, the PASS ; when Ix is ≤ I or under Ix is ≥ I on, FAIL (article items I at <I on) I down OFF : when Ix< I up, PASS ; when Ix ≥ I up, FAIL; the insulation resistance judgment method is the same as above	
Capping current I on	AC、DC		AC: 0.001mA – 20mA	AC: 0.001mA – 20mA DC: 0.1uA – 10mA
Current upper limit setting I under	AC、DC		AC: 0.001mA – 20mA	AC: 0.001mA – 20mA DC: 0.1uA – 10mA
Resistance upper limit setting			OFF - 0.2MΩ - 10GΩ	
Resistance lower limit setting			0.2MΩ– 10GΩ	
Parameter setting				
Voltage rise time			0.1s – 999.9s	
Voltage drop time			0 s – 999.9s , (only after the withstand voltage PASS)	
Voltage waiting time			0.3s - 999.9s (only DC withstand voltage, and meet the rise time + test time > waiting time)	
Test time setting			0.3s - 999.9s (when TIMER ON)	
Time accuracy			±(0.2% setting value ± 0.1s)	
Protocol			SCPI , Modbus	
storage			105 test files can be programmed , and 25 test steps can be set for each file	
interface			HANDLER , SINGAL , RS232C , RS485 (optional)	
Size (W*H*D)		mm	215*143*405 (without terminal)	
weight		kg	12	

Dual Channel Analog Oscilloscope

MOS-620



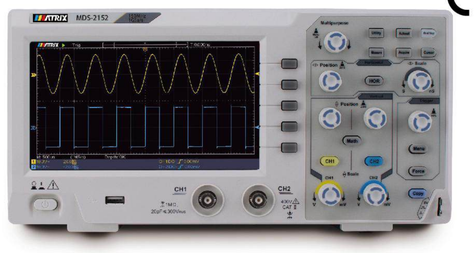


- Dual channel 20MHz
- Scan extension X10 function
- TV synchronization, X-Y mode
- High luminance, internal calibrated CRT
- Japanese electronic code switch, light and reliable
- Sealed attenuation switch is durable
- ALT trigger function, can measure two irrelevant signals

Model	MOS-620
Vertical system	**Trigger**
Sweep time：0.2μSec~0.5Sec/DIV， 20 steps in 1-2-5 sequence	Trigger source：CH1，CH2，LINE,EXT
Accuracy：±3%	Trigger Coupling：AC：20Hz to full bandwidth
Fine：≤1/2/5 panel indication scale	Trigger slope：+/-
Sweeping magnification: 10 times	Sensitivity：20Hz~2MHz：1DIV TRIG-ALT：2DIV EXT:200mV
X10MAG sweep time accuracy：±5%（20nSec~50nSec not calibrated）	2MHz~20MHz：1.5DIV TRIG-ALT：3DIV EXT:800mV
Linear：±5%X10MAG：±10%（0.2s~1μs）	TV: Sync pulse＞1DIV(EXT:1V)
Displacement caused by X10MAG: < 2DIV at the center of CRT	Trigger mode：AUTD: AUTO　NORM：NORM
X-Y mode	TV field: when you want to observe a TV signal;
Sensitivity: same as vertical axis	TV line: (only when the sync signal is negative pulse, the TV field and TV line can be synchronized)
Frequency range：DC~500kHz	External trigger mode model
X-Y phase error：≤3°（DC~50kHz）	Input impedance: Approx. 1MΩ/25pF
Horizontal system	Max. Input voltage：300V(DC+AC peak) AC frequency：1kHz or lower
Sensitivity：5mV~5V/DIV, 10 steps in 1-2-5 sequence	**Calibration signal**
Sensitivity and accuracy：≤3%；1/2.5 or smaller than the panel indicating scale	Waveform：Square wave
Frequency range：DC~20MHz	Freq.：Approx.1kHz
AC coupling：＜10Hz (100kHz 8DIV frequency response:-3dB)	Duty cycle：＜48：52
Rise time: Approx. 17.5nS	Output voltage：2Vp-p±2%
Input resistance：Approx. 1M/25pF	Output impedance: Approx.1kΩ
DC balance movement：5mV~5VDIV：±0.5DIV	**CRT oscilloscope tube**
Linear: When the waveform moves vertically in the center of the grid（2DIV）	Model : 6 inch rectangular internal graticule
Amplitude change < ±0.1DIV	Phosphor powder specifications：P31
Vertical mode CH1；CH2; DUAL：CH1 and CH2 display simultaneously Speed can be selected alternately or intermittently	Acceleration voltage：Approx. 2kV（20MHz）
ADD：CH1 and CH2 do algebraic addition	Valid display：8X10DIV [1DIV=10mm(0.39in)]
Intermittent repetition frequency：Approx. 250kHZ	Graticule：internal
Input coupling：AC GND DC	Trace rotation: adjustable at front panel
Maximum input voltage：300V peak （AC：Freq.≤1kHz）	**Technical characteristic**
Common mode rejection ratio: >50:1 at 50kHz sine wave (Set the sensitivity of CH1 and CH2 the same)	Power source：AC 220C±10%（standard），AC 110V/220V
Insulation between 2 channels (in the range of 5mV/DIV):	±10%（optional） 50Hz/60Hz, 35VA Maximum
＞1000:1 50kHz;　＞30:1 15MHz / ＞30:1 35MHz;　＞30:1 45MHz	Dimension：455（W）*150(H)*310(D)mm
CH2 INV BAL: Balance point change rate ≤ 1DIV (corresponding to the scale center)	Weight：Approx. 8kg

Super- Economical Digital Storage Oscilloscope

MDS-2000 Series





- Bandwidth : 150MHz/250MHz
- 2-Channel + Sample rate : 1GS/s
- Ultra-thin body + 7 inch high resolution LCD
- SCPI, and LabVIEW supported

Model	MDS-2152	MDS-2252
Bandwidth	Up to 150MHz	Up to 250MHz
Sample Rate	1GS/s	
Horizontal Scale (s/div)	2ns/div - 1000s/div, step by 1 - 2 - 5	
Rise Time (at input, typical)	≤3.5ns	≤1.7ns
Channel	2	
Display	7" color LCD, 800 x 480 pixels	
Input Impedance	1MΩ ± 2%, in parallel with 20pF±5pF	
Channel Isolation	50Hz : 100 : 1, 10MHz : 40 : 1	
Max Input Voltage	400V (PK - PK) (DC+AC, PK - PK)	
DC Gain Accuracy	±3%	
Record Length	10K	
DC Accuracy (average)	Average≥16： ±(3% reading + 0.05 div) for △V	
Probe Attenuation Factor	1X, 10X, 100X, 1000X LF Respond (AC, -3dB)	
LF Respond (AC, -3dB)	≥10Hz (at input, AC coupling, -3dB)	
Sample Rate / Relay Time Accuracy	±100ppm	
Interpolation	sin (x) / x	
Interval (△T) Accuracy (full bandwidth)	Single : ±(1 interval time + 100ppm x reading + 0.6ns), Average>16 : ±(1 interval time + 100ppm x reading + 0.4ns)	
Input Coupling	DC, AC , and GND	
Vertical Resolution (A/D)	8 bits (2 channels simultaneously)	
Vertical Sensitivity	5mV/div - 5V/div (at input)	
Trigger Type	Edge, Video	
Trigger Mode	Auto, Normal, and Single	
Trigger Level	±5 divisions from screen center	
Line / Field Frequency (video)	NTSC, PAL and SECAM standard	
Cursor Measurement	△V, and △T between cursors	
Automatic Measurement	Vpp, Vavg, RMS, Frequency, Period, Vmax, Vmin, Vtop, Vbase, Width, Overshoot, Pre-shoot, Rise time, Fall time, +Width, -Width, +Duty, -Duty, Delay A→B , Delay A→B , area, cycle area	
Waveform Math	+， - , x, ÷, invert, FFT	
Waveform Storage	16 waveforms	
Lissajous	Full bandwidth	
Figure	±3 degrees	
Communication Interface	USB host, USB device	
Frequency Counter	available	
Power Supply	100V - 240V AC, 50/60Hz, CAT II	
Power Consumption	＜15W	
Fuse	2A, T class, 250V	
Dimension (W x H x D)	301 x 152 x 70 mm	
Device Weight	1.10 kg	

Digital Multimeter

MDM-5500



- 55,000 counts， DC voltage accuracy up to 0.05%
- Up to 65 readings per second
- True RMS AC voltage / current measurement
- Data record function, you can record the measured data into internal memory, and then read and process the recorded data with your computer

Standard RS232☑

- Dual line display supported
- SCPI support
- Using our powerful and easy to use interface, you can access, store, process and manage your data, by simply displaying your results in form of a table.
- 3.7 inch high-resolution LCD, providing a clear display

MODEL	Measurement Range	Resolution	Accuracy ±(% of reading + % of range)
DC Voltage	50.000mV	0.001mV	0.1%+10
	500.00mV	0.01mV	0.05%+5
	5.0000V	0.0001V	0.05%+5
	50.000V	0.001V	0.05%+5
	500.00V	0.01V	0.1%+5
	1000.0V	0.1V	0.1%+10
AC Voltage	500mV-750V	20Hz～45Hz	1% + 30
		45Hz～65Hz	0.5% + 30
		65Hz～1KHz	0.7% + 30
DC Current	500uA	0.01uA	0.15%+20
	5000uA	0.1uA	0.15%+10
	50mA	0.001mA	0.15%+20
	500mA	0.01mA	0.15%+10
	5A	0.0001A	0.5%+10
	10A	0.001A	0.5%+10
AC Current	500uA-500mA	/	0.5%+20
	5A-10A		1.5%+20
Resistance	500Ω	0.01Ω	0.15%+10
	5KΩ	0.0001KΩ	0.15%+5
	50KΩ	0.001KΩ	0.15%+5
	500KΩ	0.01KΩ	0.15%+5
	5MΩ	0.0001MΩ	0.3%+5
	50MΩ	0.001MΩ	1%+10
Frequency	10.000Hz–60MHz	/	±(0.2%+10)
Capacitance	50nF-500uF	/	2.5%+5
	5mF-50mF		5%+10
Diode	3.0000 V	0.0001V	/
Continuity	1000 Ω	0.1Ω	Adjustable threshold
Temperature	K type，PT100		
Max Display	55,000 counts		
Logging Duration	15ms-9999.999s		
Logging Length	1,000 points		
Display Screen	3.7- inch TFT LCD with resolution 480*320		
Dimensions (W×H×D)	235 x 88x 64 (mm)		
Device Weight	Approximately 0.45kg		

High Precision Multimeter

MDM-8265/8255



Standard USB ☑ RS232/485 ☑ Optional LAN ☐ GPIB ☐

- Support SCPI remote control command, compatible with the mainstream multimeter command set in the market, standard PC control software
- Configuration ports: USB Device,USB Host,RS232/485,LAN(optional),GPIB(optional)

Features

- 30 kS/s high-speed acquisition, conducive to capture transient signals
- Standard bar charts, histograms, trend charts, and statistics
- Dual display measurement function to display both voltage and frequency
- True RMS of AC voltage and true RMS of AC current are measured

Various measuring functions: DC voltage, AC voltage, DC current, AC current, 2-wire resistance, 4-wire resistance, capacitor, diode, connectivity, frequency, period, temperature, current range up to 10A

- 4.3 "64K color TFT LCD screen
- The safety standard is CAT II 300 V

Series	Reading resolution	Max measurement speed	I/O interface	DCV basic accuracy
MDM-8265	6 1/2	30，000个readings/s	USB，RS232/485 LAN，GPIB	75 PPM
MDM-8255	5 1/2	30，000个readings/s	USB，RS232/485 LAN，GPIB	150 PPM

DC voltage	MDM-8265			MDM-8255	
Range	Input impedance	resolution	Accuracy (one year)	resolution	Accuracy (one year)
100 mV	10 MΩor>10 GΩ	0.1uV	0.0050+0.0035	1uV	0.018+0.008
1 V	10 MΩor>10 GΩ	1uV	0.0040+0.0007	10uV	0.015+0.005
10 V	10 MΩ	10uV	0.0035+0.0005	100uV	0.015+0.005
100 V	10 MΩ	100uV	0.0045+0.0006	1mV	0.015+0.005
1000 V	10 MΩ	1mV	0.0045+0.0010	10mV	0.015+0.005
Resistance	**MDM-8265**			**MDM-8255**	
Range	Test current	resolution	Accuracy (one year)(TCAL±5℃)	resolution	Accuracy (one year)(TCAL±5℃)
100 Ω	1 mA	100μΩ	0.010+0.004	1mΩ	0.050+0.008
1 KΩ	1 mA	1mΩ	0.010+0.001	10mΩ	0.050+0.008
10 KΩ	100 μA	10mΩ		100mΩ	0.050+0.005
100 KΩ	10 μA	100mΩ		1Ω	0.050+0.005
1 MΩ	5 μA	1Ω		10Ω	0.060+0.005
10 MΩ	500 nA	10Ω	0.040+0.001	100Ω	0.250+0.005
100 MΩ	500 nA ‖ 10 MΩ	100Ω	0.800+0.010	1kΩ	2.000+0.005
DC current	**MDM-8265**			**MDM-8255**	
Range	Burden voltage	resolution	Accuracy (one year)(TCAL±5℃)	resolution	Accuracy (one year)(TCAL±5℃)
100 μA	<0.02 V	1nA	0.050+0.025	10nA	0.050+0.015
1 mA	<0.2 V	1nA	0.050+0.006	10nA	0.050+0.007
10 mA	<0.02 V	10nA	0.050+0.020	0.1uA	0.050+0.015
100 mA	<0.2 V	0.1uA	0.050+0.005	1uA	0.050+0.007
1 A	<0.1 V	1uA	0.100+0.010	10uA	0.100+0.015
3 A	<0.3 V	1uA	0.200+0.020	10uA	0.250+0.007
10A	<0.02 V	10uA	0.120+0.010	0.1mA	0.250+0.007
Conduction test	**MDM-8265**			**MDM-8255**	
			Accuracy (one year)(TCAL±5℃)	Accuracy (one year)(TCAL±5℃)	
1KΩ	1 mA	—	0.010+0.030	0.100+0.100	
Diode	**MDM-8265**			**MDM-8265**	
5V	1 mA	—	0.010+0.030	0.05+0.03	
Ac voltage	**MDM-8265**			**MDM-8255**	
frequency	Gear position	Accuracy (one year)(TCAL±5℃)		frequency	Gear position	Accuracy (one year)(TCAL±5℃)
5 Hz - 10 Hz	100mV,1V,10V, 100V,750V	0.35+0.03		20 Hz-45 Hz	100mV,1V,10V,100V,750V	1.00+0.10
10 Hz-20 KHz		0.06+0.03		45 Hz-10 KHz		0.20+0.10
20 KHz-50 KHz		0.12+0.05		10 KHz-30 KHz		1.50+0.30
50 KHz-100 KHz		0.60+0.08		30 KHz-100 KHz		3.00+0.30
100 KHz-300 KHz		4.00+0.50				
Ac current	**MDM-8265**			**MDM-8255**		
frequency	Gear position	Accuracy		frequency	Gear position	Accuracy
3 Hz-5 KHz	100uA-10A	0.10+0.04		20 Hz-45 Hz	100uA-10A	1.50+0.10
5 KHz-10 KHz		0.10+0.04		45 Hz-1 KHz		0.50+0.10
				1 KHz-10 KHz		2.00+0.20
Frequency	**MDM-8265**			**MDM-8255**		
Gear position	resolution	Accuracy		Gear position	resolution	Accuracy
3 Hz-10 Hz	0.001 Hz, 0.00001 KHz, 0.0001 KHz, 0.001 KHz,	0.1		20 Hz ~ 300 KHz	0.001 Hz, 0.00001 KHz, 0.0001 KHz, 0.001 KHz, 0.00001 MHz	0.02+3
10 Hz-100 Hz		0.03				
100 Hz-1 KHz		0.01				
1 KHz-300 KHz		0.01				
Square wave		0.01				
Capacitance	**MDM-8265**			**MDM-8255**		
	Accuracy				Accuracy	
1.0000 nF	0.50+0.50			1.0000 nF	1+0.5	
10.000 nF	0.40+0.10			10.000 nF	1+0.5	
100.00 nF				100.00 nF	1+0.5	
1.0000 μF						
10.000 μF						
100.00 μF						
Temperature	**MDM-8265**			**MDM-8255**		
PT100	Probe accuracy+0. 05℃			PT100(DIN/IE	Probe accuracy+0.05℃	
5 KΩthermistor	Probe accuracy+0.1℃			5 KΩthermistor	Probe accuracy+0.1℃	

Temperature recorder

MTR -100 Series



Features

- 0.01 ℃ high resolution, ± 0.2 ℃ high precision
- Wide measurement range from -200 to 1820 ℃
- 100ms high sampling speed
- Three display formats: list, curve, and bar chart
- Supports multiple types of thermocouple inputs: K J E T N S R B
- 10 channels can be connected to different types of thermocouples
- Can draw real-time display curves
- Supports 18W fast charging and continuously record for about 12h
- Industrial grade 5-inch IPS touch screen
- Super strong anti-interference ability
- Adopting 32-bit high-speed MCU data processing and 24 bit high-speed AD measurement chip

Model	MTR-100
Accuracy	Basic accuracy of measurement: ± 0.2℃ + 2 words (without thermocouple error), compensation accuracy of cold end: 0.5℃
Resolution ratio	0.01℃
Measuring range	-200~1820℃ (according to the thermocouple separation range)
Support for the thermocouple type	K J E T N S R B
Sample rate	For 100ms per channel
Ambient condition	5~40℃, 20% ~ 80% RH (no condensation)
Quantity of documents	20s (cycle record)
File capacity	One file can record 200,000 groups (no number of channels)
Interrecord gap	1~300s can be set arbitrarily
Record often	Total duration of recording = recording interval of 46.29 days
Record query	Can only be query in computer software
Number of channels	10 channel
Power supply voltage	Dc 5V < 2W
Interchannel interval	Ac / dc 350V high voltage live measurement
Control output	Not
The alarm	Bezzer sound (any alarm, mute)
Communication interface	Standard configuration usb
Thermocouple	One 2-m k-type thermocouple per channel
Naked machine size	195.0mm×127.0mm×41.0mm
Net weight	About 1.5kg

Temperature recorder

MTR-2000 Series



- Instrument second change U disk
- 32 channels can be displayed simultaneously
- A one-second interval can also record 97 days
- One click fast recording
- List, curve, histogram display
- Remote Firmware Upgrade
- Strong anti-jamming
- Record files are exported or deleted at any time
- Customize channel names and export EXCEL files
- Multistage alarm function, double relay output
- Using 8 different thermocouples at the same time

standard USB, RS485 ☑

Features

•Hd 5 "IPS industrial LCD touch screen, high resolution 854X480, more clear display.
• Using 32-bit high-speed MCU data processing + 24-bit high-speed AD measurement chip, fast response speed, high precision, stable and reliable.
• Multi-interface display, file list, real-time list display, histogram display, real-time/record/analysis curve display, alarm list, system Settings, etc.
• Operation tips, humanized design, easy to understand and simple operation.
• Supports multiple sensor inputs：K J E T N S R B.
• Basic measurement accuracy :0.2℃+2 words (without sensor), cold end compensation accuracy: 0.5℃.
• Independent error correction per channel Y=KX+B.
• Each channel can be set to use different thermocouple types.
• You can customize the name of each channel and export the name to EXCEL.

• The voltage difference between channels can be as high as AC/DC 350V(higher voltage value can be customized), super anti-interference ability.
• Support a maximum of 64 recording files, each file 130,000 groups of data,1 to 9999 seconds interval arbitrary setting, the maximum recording time =97 days X interval.
• Record files can be selected to delete and export, USB flash drive or PC directly export EXCEL files.
• USB and RS485 communication ports are standard.
• Modular design, each module 8 channels, support a maximum of 64 channels, capacity expansion automatic identification.
• Multi-level alarm indicator, HH,H,L,LL alarm setting and alarm indicator, and has the function of historical alarm record.

Model	MTR-2000
Mode of display	5 "TFT true color LCD industrial touch screen 854*480 pixels
Form of display	Real-time list, curve (historical curve), bar chart, current alarm (historical alarm), file record list.
Query of records	The machine view record curve, historical alarm record, computer software analysis query.
Number of channels	Each module supports 8 channels and a maximum of 64 channels
Thermoelectric couple	K J E T N S R B
Basic accuracy	0.2℃+2 words (without thermocouple error)
Range of measurement	-200 ~ 1820℃(based on the thermocouple indexing range)
Cold end compensation	Accuracy :0.5℃
Resolution	0.1℃
correction	Independent error correction per channel Y=kx+b(x= measured value)
Number of files	64 (loop records)
File capacity	One file can record 130,000 groups (without distinguishing the number of channels).
Usb flash drive interface	Export record file, second change U disk function (instrument is U disk), directly view the files and software.
Recording Duration	The one-second recording interval can be consecutively recorded for 97 days.
Rate of sampling	Each channel fast :0.1S, slow: 1S
Isolation between channels	Ac/DC up to 350V, high voltage live measurement, super anti-interference ability
Control output	Two sets of independent relay outputs are (H/L) and (HH/LL) relaysvv
Alarm sound	All the buzzer sounds (any alarm sounds, can be muted)
Interval of recording	1 to 9999 seconds for any setting
Communication interface	USB and RS485 ports are standard
Power supply power	AC85-265V±10%, frequency 50Hz/60Hz <10W
Thermoelectric couple	Each channel is equipped with a 2 m K thermocouple
Size	Width 220X deep 293X height (including feet)106mm, the size is about the size of A4 paper
Weight	About 3Kg(configuration varies)
Environmental Conditions	5 ~ 40℃,20% ~ 80%RH(no condensation)

Oscilloscope Probe

Essentially, an oscilloscope probe establishes a physical and electrical connection between a test point or source and an oscilloscope; in fact, an oscilloscope probe is a type of device or network that connects a signal source to an oscilloscope input, There are three key issues with the degree of connectivity: physical connectivity, impact on circuit operation, and signal transmission.

◆ General Oscilloscope Probe

IP-100/200/1110/2210/2220/2230





Model	IP-100	IP-200	IP-1110	IP-1120	IP-2210	IP-2220	IP-2230
Bandwidth	DC-100MHz	DC-200MHz	DC-100MHz	DC-200MHz	DC-100MHz	DC-200MHz	DC-.300MHz
Attenuation	X1 / X10						
Input resistance	About 1MΩ for X1 and about 10MΩ for X10						
Input capacitance	About 105pF for X1 and about 15pF for X10		About 95pF for X1 and about 13pF for X10		About 95pF for X1 and about 12pF for X10		
Maximum output Voltage	X1 150V DC +Peak AC X10 300Vrms						
Compensation range	10-20pF		10-25pF		10-30pF		
Test line length	About 1.2m						
Operating environment	0-50℃ 0-80%RH						

◆ P6139 Series Oscilloscope Probe

P-6139/P6139A/P6139B



- Miniature probe tip: easier to connect into tested circuit
- Frequency width DC-500MHz
- P6139B With automatic identification function
- Parts combination : more flexible usage , adapt to more test occasions

Model	P-6139	P-6139A	P-6139B
Bandwidth	500MHz	500MHz	500MHz
Attenuation	10X / 1X	10X	10X
Rise Time	<700Ps	<700Ps	<700Ps
Maxinput Voltage	300VCATII	300VCATII	300VCATII
Input Resistance	10MΩ/1MΩ	10MΩ	10MΩ
Input Capacitance	11pF/95pF	9pF	9pF
Auto-ID	No	No	Yes
Cable Length(meter)	1.4m		

◆ Oscilloscope High Voltage Probe

IP-2100/P3100/IP3100/P5100A

- Frequency width DC-250MHz
- Automatically identification function
- Voltage withstand as high as 3000VpK
- High precision accuaracy < 1%



Model	IP-2100	P-3100	IP-3100	P-5100A	P-5300A
Bandwidth	100MHz	100MHz	250MHz	250MHz	300MHz
Attenuation	100X	100X	100X	100X	100X
Rise Time	< 3.50ns	< 3.50ns	< 1.4ns	< 1.4ns	< 1 4ns
Maxinput Voltage	2000Vpk	2000Vpk	2000Vpk	3000Vpk	3000Vpk
Input Resistance	100MΩ	100MΩ	100MΩ	100MΩ	100MΩ
Input Capacitance	12pF	10pF	10pF	3pF	3pF
Cable Length(meter)	1.2m	1.2m	1.2m	2m	2m
Operating environment	0-50℃ 0-80%RH				

◆ Differential Probe

P-5205A/5210A

- Separate design
- Adopt large scale integrated circuit , SMT process , with better reliability and stability
- 4MΩ high resistance
- Super high speed test probe , rising time can reach to 3.5ns



Model	P-5205A	P-5210A
Bandwidth	50MHz	100MHz
Attenuation	500X / 50X	500X / 50X
Rise Time	< 7ns	< 3.50ns
Differential voltage	+/-1300V(500X)	+/-1300V(500X)
Common mode voltage	1000VRms	1000VRms
Input resistance	8MΩ/4MΩ	8MΩ/4MΩ
Input capacitance	7pF	7pF
Common mode dump ratio	DC: > -80 dB 100 kHz : > -60dB 3.2 MHz:-40dB 100 MHz : -30dB	DC: > -80 dB 100 kHz : > -60dB 3.2 MHz:-40dB 100 MHz : -30dB

Optional Accessories



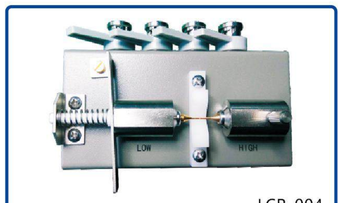
SMD Four-terminal test cable



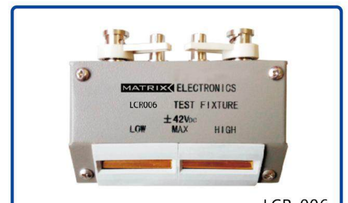
SMD Four-terminal test cable



SMD Test pliers



SMD Test box



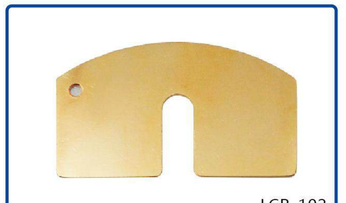
Four-terminal test box



Ohmmeter Test pen



Gold plated short circuit



Gold plated short circuit



Temperature module



Power supply test lead



RS-232 cable

Certification

