

DC Power Supply

MPS-3206 Series



- 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	≤5mA _{rms}	≤5mA _{rms}	≤5mA _{rms}
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°C≤80%RH		
Coefficient	Storage	-15~70°C≤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		

DC Power Supply

MPS-200 Series



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

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

Standard RS-232 RS-485 USB

Optional LAN

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			
Setting accuracy (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	<3mA _{rms}	<5mA _{rms}	<3mA _{rms}	<3mA _{rms}
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			