

Single Channel 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

User manual, SCPI and MODBUS protocol manual download links: <https://wendy4197.github.io/MATRIX/MPS-200-WPS300S-UserManual.pdf>

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			