



### MPS-200 High Precision Programmable DC Power Supply

The MPS-200 series is a new high-precision programmable switching DC power supply, with a novel appearance, light weight, small size, simple operation, and great convenience for users. It has a high cost-effectiveness and comes standard with RS232, RS485, and USB communication interfaces. It can be widely used in electronic product development, component testing, communication industry, laboratories, research institutions, etc..

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Description	Review
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- Resolution of voltage 1mV and current 0.1mA, high-precision display
- Set voltage and current through two methods: digital keyboard and knob
- Nine sets of voltage and current storage and retrieval functions, convenient and fast
- Output switch control, easy to control
- Intelligent temperature controlled fan, extremely practical
- The knob adopts a coding switch, which is convenient and fast to use, and has anti misadjustment function
- LIST output function
- Voltage and current range setting function
- OVP/OCP setting function
- One click initialization function

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



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