

# Single Channel DC Power Supply

## MPS-3600LP Series



### Features

- 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 SENSE  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	100mV						
	Current	1mA							
Readback value resolution	Voltage	10mV	100mV						
	Current	1mA							
Setting accuracy (25°C±5°C)	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°C±5°C)	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	3mA <sub>rms</sub>	3mA <sub>rms</sub>	3mA <sub>rms</sub>	6mA <sub>rms</sub>	3mA <sub>rms</sub>	3mA <sub>rms</sub>	3mA <sub>rms</sub>	3mA <sub>rms</sub>
Temperature Coefficient	Operation	300ppm							
	Storage	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