

# Programmable 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
Rated input voltage		AC220V/110V±10%						
Rated output voltage		0~20V	0~36V	0~36V	0~36V	0~60V	0~60V	0~80V
Rated output current		0~10A	0~3A	0~5A	0~10A	0~3A	0~5A	0~2A
Rated output power		200W	108W	180W	360W	180W	300W	160W
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
	Current	0.1%+5mA	0.1%+5mA	0.1%+5mA	0.1%+8mA	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
	Current	0.1%+5mA	0.1%+5mA	0.1%+5mA	0.1%+8mA	0.1%+5mA	0.1%+5mA	0.1%+5mA
Setting value resolution	Voltage	10mV	10mV	10mV	10mV	10mV	10mV	10mV
	Current	1mA	1mA	1mA	1mA	1mA	1mA	1mA
Readback value resolution	Voltage	10mV	10mV	10mV	10mV	10mV	10mV	10mV
	Current	1mA	1mA	1mA	1mA	1mA	1mA	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
	Current	≤0.2%+3digits	≤0.2%+3digits	≤0.2%+3digits	≤0.2%+6digits	≤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
	Current	≤0.2%+3digits	≤0.2%+3digits	≤0.2%+3digits	≤0.2%+6digits	≤0.2%+3digits	≤0.2%+3digits	≤0.2%+3digits
Ripple	Voltage	1.5mVrms	1mVrms	1.5mVrms	2mVrms	2mVrms	2mVrms	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>
Temperature Coefficient	Operation	300ppm	300ppm	300ppm	300ppm	300ppm	300ppm	300ppm
	Storage	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
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
Net weight	kg	6.7	4.5	6.7	7.5	5.6	7	5.6
Gross weight	kg	7.8	5.6	7.8	8.6	6.7	8	6.7