

High-Power DC Power Supply

MPS-P Series



Features

- Sequence output function, convenient and easy to use.
- Data memory function, convenient and quick to call
- Slow-start circuit design for start-up has low surge current and high practicability
- The current can be easily preset without short circuit, subverting your use
- V/A can be set to adjust within an interval to prevent misoperation from damaging the measured object
- Power-on state memory settings
- The buzzer can be turned off and on
- One key to restore factory settings

Standard RS-232 SENSE

Optional LAN

* Selected optional interface → replaces standard

Model		MPS-3030P	MPS-3040P	MPS-3050P	MPS-5030P	MPS-6020P
Input voltage		AC 220V/110V±10% 50Hz/60Hz				
Rated output	Voltage	0~30V	0~30V	0~30V	0~50V	0~60V
	Current	0~30A	0~40A	0~50A	0~30A	0~20A
	Power	900W	1200W	1500W	1500W	1200W
Load regulation rate	Voltage	≤0.02%+15mV	≤0.02%+15mV	≤0.02%+15mV	≤0.02%+15mV	≤0.02%+15mV
	Current	≤0.2%+10mA	≤0.2%+10mA	≤0.2%+10mA	≤0.2%+10mA	≤0.2%+10mA
Line regulation rate	Voltage	≤0.02%+15mV	≤0.02%+15mV	≤0.02%+15mV	≤0.02%+15mV	≤0.02%+15mV
	Current	≤0.2%+10mA	≤0.2%+10mA	≤0.2%+10mA	≤0.2%+10mA	≤0.2%+10mA
Set resolution	Voltage	1mV	1mV	1mV	1mV	1mV
	Current	1mA	1mA	1mA	1mA	1mA
Setting accuracy	Voltage	≤0.01%+10mV	≤0.01%+10mV	≤0.01%+10mV	≤0.01%+10mV	≤0.01%+10mV
	Current	≤0.1%+5mA	≤0.1%+5mA	≤0.1%+5mA	≤0.1%+5mA	≤0.1%+5mA
Readback resolution	Voltage	1mV	1mV	1mV	1mV	1mV
	Current	1mA	1mA	1mA	10mA	1mA
Readback accuracy	Voltage	≤0.01%+10mV	≤0.01%+10mV	≤0.01%+10mV	≤0.01%+10mV	≤0.01%+10mV
	Current	≤0.1%+5mA	≤0.1%+5mA	≤0.1%+5mA	≤0.1%+5mA	≤0.1%+5mA
Ripple and noise	Voltage	≤10mV(rms)				
	Current	≤10mA(rms)				
Working environment		0~40°C≤80%RH				
Dimensions (WxHxD)	mm	480*142*370				
Weight	kg	22	24	25	22	25