

# High-Power DC Power Supply

## MPS-6000S Series



Standard RS-232  RS-485  SENSE

Optional Analog signal interface

### Features

- Simultaneous five digit display of voltage and current, precise and easy to use
- Adopting PWM modulation and high gain amplification circuit design, stable and reliable
- The panel has preset buttons that can preset voltage and current values
- Complete protection functions: OVP, OCP, OTP, Short circuit protection
- Key lock function
- Key components are imported to ensure long-term full load operation
- Remote voltage compensation function ensures usage accuracy

Model	Voltage	Current	Power
MPS-6000S-30-200	0-30.000V	0-200.00A	6000W
MPS-6000S-60-100	0-60.000V	0-100.00A	6000W
MPS-6000S-100-60	0-100.00V	0-60.000A	6000W
MPS-6000S-150-40	0-150.00V	0-40.000A	6000W
MPS-6000S-200-30	0-200.00V	0-30.000A	6000W
MPS-6000S-300-20	0-300.00V	0-20.000A	6000W
MPS-6000S-600-10	0-600.00V	0-10.000A	6000W
MPS-6000S-1000-6	0-1000.0V	0-6.0000A	6000W
MPS-6000S-1200-5	0-1200.0V	0-5.0000A	6000W
MPS-6000S-2000-2	0-2000.0V	0-2.0000A	2000W
AC input	Uniphase: AC220V±10%, 50Hz		
DC output	Output voltage	0V - rating	
	Output current	0A - rating	
	Output power	0W - rating	
Load regulation	Voltage	≤0.1%FS+0.1%FS	
	Current	≤0.1%FS+0.1%FS	
Setting value accuracy	Voltage	≤0.1%FS+0.1%FS	
	Current	≤0.1%FS+0.1%FS	
Readback value accuracy	Voltage	≤0.1%FS+0.1%FS	
	Current	≤0.1%FS+0.1%FS	
Ripple(20Hz-20MHz)	Voltage	Vrms≤0.2%FS+50mV	
Dynamic response time(10% -90% load)	≤5mS		
Display method	4 and a half digit meter (LED digital tube display)		
Display resolution	Voltage0.001V/0.01V/0.1V,Current0.001A/0.01A/0.1A		
Interface	RS232/RS485		
Functional protection	OVP, OCP, OTP, Short circuit protection		
Heat dissipation method	Adopting PWM speed regulating fan, air-cooled		
Operating environment	Temperature 0 °C -40 °C; Humidity 10% -85% RH		
Environment	Temperature -20 °C -70 °C; Humidity 10% -90% RH		
Size (mm)	430×500×88 (W*D*H mm)		
Weight (kg)	16KG		
Note	The power cord and output cables are optional		