

High-Power DC Power Supply
MPS-6000S Series

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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

Standard RS-232 RS-485 SENSE

Link to download the user manual: <https://wendy4197.github.io/MATRIX/MPS-S-UserManual.pdf>

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
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%F.S+0.1%F.S		
	Current	≤0.1%F.S+0.1%F.S		
Setting value accuracy	Voltage	≤0.1%F.S+0.1%F.S		
	Current	≤0.1%F.S+0.1%F.S		
Readback value accuracy	Voltage	≤0.1%F.S+0.1%F.S		
	Current	≤0.1%F.S+0.1%F.S		
Ripple(20Hz-20MHz)	Voltage	Vrms≤0.2%F.S+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℃ -40℃; Humidity 10% -85% RH		
Environment		Temperature -20℃ -70℃; 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		