

High-Power DC Power Supply

MPS-10000S 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-10000S-100-100	0-100.00V	0-100.00A	10000W
MPS-10000S-200-50	0-200.00V	0-50.000A	10000W
MPS-10000S-1000-10	0-1000.0V	0-10.000A	10000W
MPS-10000S-2000-5	0-2000.0V	0-5.0000A	10000W
AC input	Three-phase	AC380V±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 °C -40 °C; Humidity 10% -85% RH		
Environment	Temperature -20 °C -70 °C; Humidity 10% -90% RH		
Size (mm)	430×560×132 (W*D*H mm)		
Weight (kg)	26KG		
Note	The power cord and output cables are optional		