

Programmable DC Power Supply

MPS-1800S 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-1800S-30-60		0-30.000V	0-60.000A	1800W
MPS-1800S-60-30		0-60.000V	0-30.000A	1800W
MPS-1800S-100-18		0-100.00V	0-18.000A	1800W
MPS-1800S-150-12		0-150.00V	0-12.000A	1800W
MPS-1800S-200-9		0-200.00V	0-9.0000A	1800W
MPS-1800S-300-6		0-300.00V	0-6.0000A	1800W
AC input	Single phase	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 °C -40 °C; Humidity 10% -85% RH		
Environment		Temperature -20 °C -70 °C; Humidity 10% -90% RH		
Special requirements		Other specifications and models can be customized		
Size (mm)		215×360×88 (W*D*H mm)		
Weight (kg)		5.5KG		

Programmable DC Power Supply

MPS-3600S 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-3600S-30-120		0-30.000V	0-120.00A	3600W
MPS-3600S-60-60		0-60.000V	0-60.000A	3600W
MPS-3600S-100-36		0-100.00V	0-36.000A	3600W
MPS-3600S-150-24		0-150.00V	0-24.000A	3600W
MPS-3600S-200-18		0-200.00V	0-18.000A	3600W
MPS-3600S-300-12		0-300.00V	0-12.000A	3600W
MPS-3600S-600-6		0-600.00V	0-6.0000A	3600W
AC input	Single phase	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 °C -40 °C; Humidity 10% -85% RH		
Environment		Temperature -20 °C -70 °C; Humidity 10% -90% RH		
Special requirements		Other specifications and models can be customized		
Size (mm)		215×400×88 (W*D*H mm)		
Weight (kg)		7.5KG		