

Single Channel DC Linear Power Supply

MPS-100 Series



Optional RS-232 ☐ RS-485 ☐

Applications

- Production line work bench routine test
- Lab and institute
- Electronic repair
- Automated equipment integration testing

Features

- Voltage compensation function to ensure high accuracy
- Nine sets of voltage and current storage function, convenient and quick
- Intelligent temperature control fan, extremely practical
- It can save the output status and value before the last shutdown
- The adjustable range of current and voltage can be set
- Restore factory settings with one click
- Adjustable screen brightness
- LIST output editing function

Model		MPS-100	MPS-100C	MPS-101	MPS-101C
Rated input voltage		AC220V±10% or 110V±10%			
Rated output voltage		0~30V		0~60V	
Rated output current		0~5A		0~3A	
Rated output power		150W		180W	
Load regulation rate	Voltage	0.05%+8mV		0.05%+5mV	
	Current	0.1%+5mA		0.1%+5mA	
Power regulation rate	Voltage	0.05%+8mV		0.05%+8mV	
	Current	0.1%+5mA		0.1%+5mA	
Setting resolution	Voltage	1mV		1mV	
	Current	0.1mA		0.1mA	
Read back resolution	Voltage	1mV		1mV	
	Current	0.1mA		0.1mA	
Setting accuracy (25°C±5°C)	Voltage	≤0.1%+8mV		≤0.1%+8mV	
	Current	≤0.2%+2mA		≤0.2%+2mA	
Read back accuracy (25°C±5°C)	Voltage	≤0.1%+8mV		≤0.1%+8mV	
	Current	≤0.2%+2mA		≤0.2%+2mA	
Ripple and noise (25°C±5°C)	Voltage	<5mVrms		<5mVrms	
	Current	<3mA _{rms}		<3mA _{rms}	
temperature coefficient	Voltage	0 to 40°C≤85 R.H.		0 to 40°C≤85 R.H.	
	Current	-15 to 70°C≤85 R.H.		-15 to 70°C≤85 R.H.	
Machine size (W*H*D)	mm	185*105*295		185*105*295	
Net weight	kg	4.5Kg		4.5Kg	
Standard interface		-	RS-232+RS-485	-	RS-232+RS-485