

Single Channel DC Programmable Power Supply

MPS-30 Series



Features

- Display resolution of 10mV/1mA
- Panel lock function
- Output switch control
- Switching between high and low current levels
- 4 sets of fast storage and retrieval functions
- Color screen display, multiple parameters are clear at a glance

Applications

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

Model		MPS-31	MPS-32	MPS-33	MPS-34	MPS-35	MPS-36	MPS-37	MPS-38	MPS-39
Rated output voltage		0~30V	0~30V	0~30V	0~30V	0~30V	0~60V	0~60V	0~80V	0~100V
Rated output current		0~2A	0~4A	0~6A	0~8A	0~10A	0~2A	0~4A	0~2A	0~0.5A
Rated output power		60W	120W	180W	240W	300W	120W	240W	160W	50W
Load regulation rate	Voltage	0.05%+5mV	0.05%+5mV	0.05%+5mV	0.05%+8mV	0.05%+8mV	0.05%+5mV	0.05%+5mV	0.05%+5mV	0.05%+5mV
	Current	0.1%+5mA	0.1%+5mA	0.1%+5mA	0.1%+8mA	0.1%+5mA	0.1%+5mA	0.1%+5mA	0.1%+5mA	0.1%+5mA
Line regulation rate	Voltage	0.05%+8mV	0.05%+5mV	0.05%+8mV	0.05%+10mV	0.05%+5mV	0.05%+8mV	0.05%+5mV	0.05%+5mV	0.05%+5mV
	Current	0.1%+5mA	0.1%+5mA	0.1%+5mA	0.1%+8mA	0.1%+5mA	0.1%+5mA	0.1%+5mA	0.1%+5mA	0.1%+5mA
Setting resolution	Voltage	10mV								
	Current	1mA								
Read back resolution	Voltage	10mV								
	Current	1mA								
Setting accuracy (25°C±5°C)	Voltage	≤0.1%+2digits	≤0.1%+2digits	≤0.1%+2digits	≤0.1%+2digits	≤0.1%+2digits	≤0.1%+2digits	≤0.1%+3digits	≤0.1%+3digits	≤0.1%+3digits
	Current	≤0.2%+3digits	≤0.2%+3digits	≤0.2%+3digits	≤0.2%+6digits	≤0.2%+3digits	≤0.2%+3digits	≤0.2%+3digits	≤0.2%+3digits	≤0.2%+3digits
Read back accuracy (25°C±5°C)	Voltage	≤0.1%+2digits	≤0.1%+2digits	≤0.1%+2digits	≤0.1%+2digits	≤0.1%+2digits	≤0.1%+2digits	≤0.1%+3digits	≤0.1%+3digits	≤0.1%+3digits
	Current	≤0.2%+3digits	≤0.2%+3digits	≤0.2%+3digits	≤0.2%+6digits	≤0.2%+3digits	≤0.2%+3digits	≤0.2%+3digits	≤0.2%+3digits	≤0.2%+3digits
Ripple and noise (25°C±5°C)	Voltage	3mVrms	3mVrms	5mVrms	5mVrms	5mVrms	5mVrms	5mVrms	5mVrms	10mVrms
	Current	3mA _{rms}	3mA _{rms}	3mA _{rms}	6mA _{rms}	3mA _{rms}				