



Maynuo
Electronics

Maynuo Electronics devotes to providing production lines and laboratories with the right test instruments.



**Just Right For Your
Power Electronics
Test Solution!**

M88 Series Programmable DC Power Supplier

Features

- Low ripple and low noise.
- High resolution and accuracy (0.1mV/0.01mA).
- Built-in high-accuracy 5 1/2 voltmeter and milliohmmeter.
- Supporting high-accuracy and dynamic programming output.
- High –luminance VFD screen with two lines& four channels display.
- Intelligent fan system fan will be automatically initiated according to the temperature.
- Supporting remote voltage compensation and multidata storage.
- Supporting external trigger input and output.
- Power-on-self-test, software calibration and standard rack mount.
- Communication mode: GPIB/RS232/RS485/USB.

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M88 Series Programmable DC Power Supplier Technical Specification Table

Model		M8811	M8812	M8813	M8851	M8852	M8853
Input Rating	Voltage	0-30V	0-75V	0-150V	0-6V	0-30V	0-75V
	Current	0-5A	0-2A	0-1A	0-60A	0-20A	0-8A
Load Regulation	Voltage	<0.01%+0.5mV	<0.01%+0.5mV	<0.01%+0.5mV	<0.01%+1mV	<0.01%+1mV	<0.01%+1mV
	Current	<0.01%+0.1mA	<0.01%+0.1mA	<0.01%+0.1mA	<0.01%+0.1mA	<0.01%+0.1mA	<0.01%+0.1mA
Setting Value Resolution	Voltage	0.5mV	1mV	2mV	0.1mV	0.5mV	1mV
	Current	0.1mA	0.05mA	0.01mA	1mA	0.5mA	0.2mA
Readback Value Resolution	Voltage	0.1mV	0.1mV	1mV	0.1mV	0.1mV	0.1mV
	Current	0.01mA	0.01mA	0.01mA	0.1mA	0.1mA	0.1mA
Setting Value Accuracy	Voltage	0.01%+2mV	0.01%+5mV	0.01%+15mV	0.01%+1mV	0.01%+5mV	0.01%+10mV
	Current	0.05%+1mA	0.05%+0.5mA	0.05%+0.1mA	0.05%+6mA	0.05%+2mA	0.05%+1mA
Readback Value Accuracy	Voltage	0.02%+5mV	0.02%+12mV	0.02%+25mV	0.02%+2mV	0.02%+5mV	0.02%+12mV
	Current	0.1%+5mA	0.05%+2mA	0.05%+1mA	0.05%+30mA	0.05%+10mA	0.05%+5mA
Ripple	Voltage	3mvp-p	5mvp-p	10mvp-p	3mvp-p	5mvp-p	7mvp-p
	Current	2mA rms	1mA rms	0.5mA rms	15mA rms	7mA rms	4mA rms
Voltmeter Accuracy	0-12V Accuracy: 0.02%+2mV; 0-50V Accuracy: 0.02%+5mV						
Milliohmmeter Accuracy	10W 0-1000mΩ Accuracy: 0.2%+3 mΩ; 1000-10000 mΩ Accuracy: 0.2%+6 mΩ						
Working Condition	0-40°C; 0-90% RH						
Power Required	AC 110V/220V±10%; 50/60 HZ						
Weight	6.5Kg			28Kg			
Dimension	214mm (W) x108mm (H) x365mm (D)			428mm (W) × 103.5mm (H) × 453.5mm (D)			

M88 Series power suppliers are high performance single-output programmable DC power suppliers with communication interface, possessing the character of fast rise speed (The rise time of M8811 power supplier can be less than 10mS and that of M8851 can be less than 20mS) The combination of bench-top and system features in these power suppliers provides versatile solutions for your design and test requirements. The M88 Series can not only be programmed through the keyboard on the panel, but also be functioned as voltmeter and milliohmmeter, which will bring great convenience to the users. As a regeneration product of ordinary programmable power suppliers, M88 Series power suppliers are more cost-effective.