

# Programmable DC Power Supplies

## M8812

### Features:

- Low ripple and low noise
- High resolution and accuracy (0.1mV/0.01mA)
- Built-in high-accuracy 5 ½ voltmeter and milli-ohmmeter
- Supporting high-accuracy and dynamic programming output
- High-luminance VFD screen with two lines & four channels display
- Intelligent fan cooling with auto fan ON/OFF according to the temperature
- Support remote voltage compensation and multi-data storage
- Support external trigger input and output
- Power-on-self-test, software calibration and standard rack mount
- Using standard SCPI protocol
- Communication mode: RS232/RS485/USB.



**(0-75V/0-2A/150W)**

### Application:

Laboratory Testing, Power Electronics production line testing and other Automatic Testing Systems, etc. Function as voltmeter and milli-ohmmeter.

Specifications:	Model	M8812
Output		0-75V, 0-2A
Load Regulation		<0.01%+0.5mV, <0.01%+0.1mA
Setting Value Resolution		1mV, 0.05mA
Read-back Value Resolution		0.1mV, 0.01mA
Setting Value Accuracy		0.01%+5mV, 0.05%+0.5mA
Read-back Value Accuracy		0.02%+15mV, 0.05%+2mA
Ripple		5mvp-p, 1mA rms
Voltmeter Accuracy		Range: 0-12V, Accuracy: 0.02%+2mV; Range: 0-58V, Accuracy: 0.02%+5mV;
Milli-ohmmeter Accuracy		Range: 0-1000mΩ, Accuracy:0.2%+3mΩ; Range: 1000-10000mΩ, Accuracy:0.2%+6mΩ;
Ambient Condition		0~40°C; 0~90%RH
Input		AC 120V/220V+/-10%; 50/60HZ
Weight		6.5Kg
Dimension		214mm (W)*101.5mm(H)*365mm(D)