4 Channel Programmable Linear Power Supplies

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Description

These four-channel DC power supplies can provide pure linear output of 4 isolated channels with features such as stability, free interference, low ripple and low noise. And the power supplies have four-channel cooperative output characteristics, which can realize multi-channel various sequence wave output and complete complex test requirements. Moreover, the output voltage and current can be observed through the oscilloscope of the LCD, and the test data can be directly imported and exported through the U disk.

Features

- 4-channel independent output
- 4-channel high-speed coordinated output, and each channel can be individually controlled with 4-channel output delays as low as microseconds
- LIST programmable output sequence, 100 consecutive different settings
- LIST mode and normal mode can be switched automatically with One Key
- Oscilloscope function for simultaneous display of four channels of voltage and current
- Oscilloscope screen capture via USB access to U disk
- U disk import and export output table data, and you can edit it by computer EXCEL
- Low chopping and low noise
- High resolution and precision
- Remote measurement function
- Built-in USB/RS232/GPIB/LAN communication interfaces

Specifications

Note: The specifications below are tested under the conditions of temperature 25°C ±5°C and the warm-up for 10 minutes.

Models	MP710508	MP710509
Voltage	0 to 30V × 4	0 to 60V × 4
Current	0 to 5A × 4	0 to 3A × 4
Load Regulation		
Voltage	≤1mv	≤1mv
Current	≤1mA	≤1mA
Line Regulation		
Voltage	≤0.01%+1mv	≤0.01%+1mv
Current	≤0.1%+1mA	≤0.1%+1mA

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Setup Resolution		
Voltage	1mV	1mV
Current	0.1mA	0.1mA
Read Back Resolution		
Voltage	1mV	1mV
Current	0.1mA	0.1mA
Setup Accuracy (25°C ±5°C)		
Voltage	≤0.005% +2mV	≤0.005% +2mV
Current	≤0.05% +1mA	≤0.05% +1mA
Ripple(20-20M)		
Voltage	≤1mVrms	≤1mVrms
Current	≤3mArms	≤3mArms
Temp. Coefficient		
Voltage	≤100ppm	≤100ppm
Current	≤100ppm	≤100ppm
Read Back Temp. Coefficient		
Voltage	≤100ppm	≤100ppm
Current	≤100ppm	≤100ppm
Weight and Dimension	430mm(W) × 88mm(H) × 440mm(D), 16.5Kg	
Input Supply Voltage	115V/230V, 50Hz/60Hz	
Standard Warranty	12 Months	
Accessories	User manual	
	Power cord	UK plug + EU plug, Diameter: 0.75mm^2 × 3, length: 1.2m
	USB cable	USB cable length 1.5m, USB2, AM to BM
	RS232 cable	RS232 cable length 1.5m
	10A test lead	10A test lead diameter 1.5mm^2, length 0.9m, banana connector 4mm, alligator clip 35mm

Part Number Table

Description	Part Number
Programmable Linear Power Supply, 4 Channel, 0V to 30V, 5A	MP710508
Programmable Linear Power Supply, 4 Channel, 0V to 60V, 3A	MP710509

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