

Bench Top DC Power Supply multicomp^{PRO}

RoHS
Compliant



Description

The 1,800 watt bench top DC power supply can be used for a wide range of voltage and current applications. Featuring a built-in programmable sequence output function, which can output dynamic voltage and current. The product is equipped with a built-in USB/RS232/GPIB/LAN communication interface and also provides an Analogue control interface and switching control interface.

Features

- Setting up the voltage and current rise slope
- Wide range outputs of voltage and current
- Various modes (source CV/CC/CP, load CC/CP), independent edge setting, adjustable rise and fall times
- List sequence programming output
- Low chopping and low noise
- High resolution and precision
- Remote measurement function
- Analogue control interfaces
- Panel LOCK function
- Over voltage and over current protection
- Built-in USB/RS232/GPIB/LAN communication interfaces

Specifications

Output Voltage Range : 0V DC to 60V DC
Output Current Range : 0A to 60A
Power Rating : 1800W

Performance Characteristics

Load Regulation	
Voltage	$\leq 0.01\% + 5\text{mV}$
Current	$\leq 0.1\% + 5\text{mA}$
Line Regulation	
Voltage	$\leq 0.01\% + 3\text{mV}$
Current	$\leq 0.1\% + 3\text{mA}$
Read back Resolution	
Voltage	1mV
Current	0.1mA

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Setup Accuracy (25°C ±5°C)	
Voltage	≤0.5%+5mV
Current	≤0.5%+3mA
Ripple (20-20M)	
Voltage	≤2mVrms
Current	≤3mArms
Temperature Coefficient	
Voltage	≤150ppm
Current	≤150ppm
Read Back Temperature Coefficient	
Voltage	≤150ppm
Current	≤150ppm
Input Voltage	120V AC, 60Hz
Accessories	User Manual, Power Cord (US)
Dimension (W×D×H)	430mm × 88mm × 440mm
Weight	8.5kgs
Standard Warranty	03 years

Part Number Table

Description	Part Number
DC Power Supply, 1800W, 0V to 60V, 0A to 60A, US	MP710260 US

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