

Single Channel Bench Top Power supply **multicomp** PRO

RoHS
Compliant



Features

- Low noise: the cooling fan is controlled by the radiator temperature.
- High-precision voltage and current output (see parameter table), and maximum resolution 0.1mA of current reading.
- Constant Voltage/Constant Current operation
- Output ON/OFF control
- Voltage, current and power display
- Digital panel control
- 4 pairs of saving/recalling panel settings
- Coarse and fine voltage/.current control
- Software calibration
- Keyboard LOCK function
- Over-Voltage and Over-Current Protections that can set parameters
- Reverse polarity protection
- Short circuit protection
- uA and power displays
- External switch control interface
- Output terminal voltage compensation
- USB & RS232 for remote control
- Analog control interface

Specification

Voltage Range	0-30V
Current Range	0-5A
Load Regulation	
Voltage	$\leq 0.01\% + 2\text{mV}$
Current	$\leq 0.1\% + 5\text{mA}$
Line Regulation	
Voltage	$\leq 0.01\% + 3\text{mV}$
Current	$\leq 0.1\% + 3\text{mA}$
Setup Resolution	
Voltage	10mV
Current	1mA

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Setup Accuracy (25°C to -5°C)	
Voltage	≤0.5%+20mV
Current	≤0.5%+5mA
Ripple (20-20m)	
Voltage	≤2mVrms
Current	≤3mVrms
Temperature Coefficient	
Voltage	≤150ppm
Current	≤150ppm
Read Back Accuracy	
Voltage	10mV
Current	1mA
Read Back Temperature Coefficient	
Voltage	≤150ppm
Current	≤150ppm
Reaction Time	
Voltage Rise	≤100mS
Voltage Drop	≤100mS (10% rated load)
Dimensions	262mm × 110mm × 160mm
Weight	4.3kg

Part Number Table

Description	Part Number
Single Channel Bench Top Power Supply, Programmable, 0 to 30V, USB and RS232	MP711009

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