

# 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
- Output compensation terminals
- External switch control
- Analog control interface

## Specification

MODEL	MP711007
Voltage Range	0-30V
Current Range	0-5A
<b>Load Regulation</b>	
Voltage	$\leq 0.01\% + 2\text{mV}$
Current	$\leq 0.1\% + 5\text{mA}$
<b>Line Regulation</b>	
Voltage	$\leq 0.01\% + 3\text{mV}$
Current	$\leq 0.1\% + 3\text{mA}$

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<b>Setup Resolution</b>	
Voltage	10mV
Current	1mA
<b>Setup Accuracy (25°C to -5°C)</b>	
Voltage	≤0.5%+20mV
Current	≤0.5%+5mA
<b>Ripple (20-20m)</b>	
Voltage	≤2mVrms
Current	≤3mVrms
<b>Temperature Coefficient</b>	
Voltage	≤150ppm
Current	≤150ppm
<b>Read Back Accuracy</b>	
Voltage	10mV
Current	1mA
<b>Read Back Temperature Coefficient</b>	
Voltage	≤150ppm
Current	≤150ppm
<b>Reaction Time</b>	
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, Analog Control, 0 to 30V	MP711007

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