

# Triple Channel Power Supply



## Features

- Complete digital control
- 10mV / 1mA resolution
- Low noise and ripple
- CV / CC constant voltage and constant current modes
- Industrial grade, with load for a long time
- Over-Current Protection, output ON/OFF control and panel LOCK function
- Shutdown memory
- Series and parallel connections

## Performance

<b>No. of Channels</b>	Triple Channel
<b>AC Input Voltage</b>	230V $\pm$ 10%
<b>Voltage Range / Current Range</b>	0-30V / 0-5A * 2, 5V, 3.3V, 2.5V / 3A * 1
<b>Load Regulation</b>	
Voltage	$\leq$ 0.01% + 5mV
Current	$\leq$ 0.1% + 10mA
<b>Line Regulation</b>	
Voltage	$\leq$ 0.01% + 3mV
Current	$\leq$ 0.1% + 3mA
<b>Setup Resolution</b>	
Voltage	10mV
Current	1mA
<b>Setup Accuracy (25°C <math>\pm</math>5°C)</b>	
Voltage	$\leq$ 0.5% + 20mV
Current	$\leq$ 0.5% + 10mA
<b>Ripple (20Hz - 20M)</b>	
Voltage	$\leq$ 2mVrms
Current	$\leq$ 3mA <sub>rms</sub>
<b>Temperature Coefficient</b>	
Voltage	100ppm + 10mV
Current	$\leq$ 100ppm + 5mA

[www.element14.com](http://www.element14.com)  
[www.farnell.com](http://www.farnell.com)  
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Read Back Accuracy	
Voltage	10mV
Current	1mA
Read Back Temperature Coefficient	
Voltage	$\leq 100\text{ppm} + 10\text{mV}$
Current	$\leq 100\text{ppm} + 5\text{mA}$
Reaction Time (10% Rated load)	
Voltage Rise	$\leq 100\text{mS}$
Voltage Drop	$\leq 100\text{mS}$
Load Regulation of Parallel	
Voltage	$\leq 0.1\% + 0.2\text{V}$
Load Regulation of Series	
Voltage	$\leq 0.1\% + 0.2\text{V}$
CH3 Specifications	
Voltage Accuracy	$\pm 50\text{mV}$
Load Regulation	$\pm 50\text{mV}$
Accessories	
	User Manual, Power Cord (1.2m, 1*UK Plug & 1*EURO Plug)
Weight	
	10.3 kgs
Dimension (W × H × D)	
	146mm × 252mm × 375mm

## Part Number Table

Description	Part Number
Triple Channel Power Supply	72-13310

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