

DC Power Supply

Single Output, 0-30V / 0-5A



Characteristics:

- Complete digital control / programmable
- 10mV / 1mA resolution
- Low noise and ripple
- CV / CC constant voltage and constant current modes
- OCP and OVP settings, constant protection mode
- 5 sets of parameters can be stored and recalled
- Output switch control
- Power-off memory function
- Keyboard lock function
- Interfaces: RS232, USB

Specifications:

Voltage Range / Current Range	0-30V / 0-5A adjustable
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
Setup Accuracy	Voltage: $\leq 0.5\% + 20\text{mV}$ / Current: $\leq 0.5\% + 10\text{mA}$
Ripple(20Hz-20M)	Voltage: $\leq 2\text{mV rms}$ / Current: $\leq 5\text{mA rms}$
Temp. Coefficient	Voltage: $\leq 100\text{ppm} + 10\text{mV}$ / Current: $\leq 100\text{ppm} + 5\text{mA}$
Read Back Accuracy	Voltage: 10mV / Current: 1mA
Read Back Temp. Coefficient	Voltage: $\leq 100\text{ppm} + 10\text{mV}$ / Current: $\leq 100\text{ppm} + 5\text{mA}$
Reaction Time(10% Rated load)	Voltage: $\leq 100\text{mS}$ / Current: $\leq 100\text{mS}$
Operation Environment	Indoor use Altitude: $\leq 2,000\text{m}$ Ambient temperature: 0°C to 40°C Relative humidity: $\leq 80\%$
Input Voltage	230V $\pm 10\%$, 50Hz
Accessories	User manual, 1 \times UK power cord and 1 \times Euro power cord (1.2M), USB cord (1.2M)
Weight and Dimension	4.3kg / 110(W)*156(H)*260(D)
Storage Environment	Ambient temperature: -10°C to $+70^\circ\text{C}$ Relative humidity: $\leq 70\%$

Part Number Table

Description	Part Number
Programmable DC power supply, 0-30V, 0-5A	72-2540

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