

30V, 3A, Adjustable Single Output Programmable DC Power Supply



Features:

- 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 - 3A 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 (25°C $\pm 5^\circ\text{C}$)	Voltage : $\leq 0.5\% + 20\text{mV}$ / Current : $\leq 0.5\% + 5\text{mA}$
Ripple (20Hz - 20MHz)	Voltage : $\leq 1\text{mVrms}$ / Current : $\leq 3\text{mA}_{\text{rms}}$
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 : $0^\circ\text{C} \sim 40^\circ\text{C}$ Relative humidity : $\leq 80\%$
Input Voltage	230V $\pm 10\%$, 50Hz
Interfaces	RS232, USB
Weight and Dimension	3.5kg / 110mm(W) \times 156mm(H) \times 260mm(D)
Storage Environment	Ambient temperature : -10°C to $+70^\circ\text{C}$ Relative humidity : $\leq 70\%$
Accessories	User manual, 1 \times UK power cord and 1 \times Euro power cord (1.2m), USB cord (1.2m)

Note: Input Voltage : 230V $\pm 10\%$, 50Hz

Part Number Table

Description	Part Number
30V, 3A Single CH, PROG PSU RS232 + USB	72-2535

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