

Programmable DC Power Supply

Single Channel, 0-30V, 0-10A



**RoHS
Compliant**



Features:

- Complete digital control / programmable
- 10mV / 1mA resolution
- Low noise and ripple
- CV / CC constant voltage and constant current modes
- Settable OCP and OVP, constant protection mode
- 5 sets of parameters can be stored and recalled
- Output switch control
- Power-off memory function
- Keyboard lock function to prevent operator errors
- Interfaces on programmable models : RS232, USB
- Easy alternative to the traditional digital-display power supplies
- Certified by CE

Specifications:

Voltage Range / Current Range	0-30V / 0-10A
Load Regulation	Voltage : $\leq 0.01\%$ +2mV / Current : $\leq 0.1\%$ +5mA
Line Regulation	Voltage : $\leq 0.01\%$ +3mV / Current : $\leq 0.1\%$ +3mA
Setup Resolution	Voltage : 10mV / Current : 1mA
Setting accuracy (25°C $\pm 5^\circ\text{C}$)	Voltage : $\leq 0.5\%$ +20mV / Current : $\leq 0.5\%$ +10mA
Ripple (20hz - 20M)	Voltage : $\leq 2\text{mVrms}$ / Current : $\leq 5\text{mA}_{\text{rms}}$
Temperature Coefficient	Voltage : $\leq 100\text{ppm}$ +10mV / Current : $\leq 100\text{ppm}$ +5mA
Read Back Accuracy	Voltage : 10mV / Current : 1mA
Read Back Temperature Coefficient	Voltage : $\leq 100\text{ppm}$ +10mV / Current : $\leq 100\text{ppm}$ +5mA
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 ~ 40°C Relative humidity : $\leq 80\%$
Interfaces	Optional Interfaces (for programmable models only) : RS232, USB
Accessories	User manual, Power cord (1.2m), USB cord (1.2m; for programmable models only)
Weight and Dimension	7.2 kg / 110mm(W) \times 156mm(H) \times 310mm(D)
Storage Environment	Ambient temperature : -10°C to +70°C Relative humidity : $\leq 70\%$

Note: Input Voltage : 230V

Part Number Table

Description	Part Number
Programmable DC Power Supply, Single Channel, 0-30V, 0-10A	72-2930

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