

Bench Power Supply

Programmable, 30V, 5A, 1CH, USB, RS232



Features:

- Complete digital control
- Industrial grade, with load for a long time
- Encoder-controlled fine & coarse adjustment
- Intelligent temperature-controlled fan
- Compact design
- Constant current & constant voltage
- Current preset
- 4-digit display
- 10mV / 1mA high accuracy and resolution
- Low noise and ripple
- Knob Lock function to avoid improper operation
- Interfaces : USB and RS232

Specifications:

Voltage Range / Current Range	0 - 30V / 0 - 5A
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 : $\leq 3\text{mA}_{\text{rms}}$
Temperature Coefficient	Voltage : $\leq 150\text{ppm}$ / Current : $\leq 150\text{ppm}$
Read Back Accuracy	Voltage : 10mV / Current : 1mA
Read Back Temperature Coefficient	Voltage : $\leq 150\text{ppm}$ / Current : $\leq 150\text{ppm}$
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 to 40°C Relative humidity : $\leq 80\%$
Interfaces	USB, RS232
Accessories	User manual, Power cord (1.2m), USB cable, software CD
Weight and Dimension	4.82kg / 110mm(W) \times 156mm(H) \times 260mm(D)
Storage Environment	Ambient temperature : -10°C to +70°C Relative humidity : $\leq 70\%$

Note: Input Voltage : 230V

Part Number Table

Description	Part Number
Bench Power Supply, Programmable, 30V, 5A, 1CH, USB, RS232	72-2710

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