

Bench Power Supply

Adjustable, 30V, 3A, 1CH



Features:

- Input voltage : 230V
- 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 / 1 mA high accuracy and resolution
- Low noise and ripple
- Knob Lock function to avoid improper operation

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 : $\leq 0.5\%$ +5mA
Ripple (20hz - 20M)	Voltage : $\leq 1\text{mVrms}$ / Current : $\leq 3\text{mArms}$
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 ~ 40°C Relative humidity $\leq 80\%$
Accessories	User manual, Power cord (1.2M)
Weight and Dimension	3.6kg / 110mm(W) \times 156mm(H) \times 260mm(D)
Storage Environment	Ambient temperature -10°C to +70°C Relative humidity : $\leq 70\%$

Part Number Table

Description	Part Number
Bench Power Supply, Adjustable, 30V, 3A, 1CH	72-2685

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