

# Bench Power Supply

## Adjustable, 30V, 5A, 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 / 1mA high accuracy and resolution
- Low noise and ripple
- Knob Lock function to avoid improper operation

### 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 : $\leq 3\text{mArms}$
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	4.8kg / 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, 5A, 1CH	72-2690

**Important Notice :** This data sheet and its contents (the "Information") belong to the members of the Premier Farnell group of companies (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. Tenma is the registered trademark of the Group. © Premier Farnell plc 2012.