

# Bench Power Supply

## Adjustable, 30V, 3A, 1CH

**TENMA™**


### 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 / 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 - 3A                                                                                                   |
| 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                                                                                     |
| Setting accuracy (25°C $\pm 5^\circ\text{C}$ ) | Voltage : $\leq 0.5\% + 20\text{mV}$ / Current : $\leq 0.5\% + 5\text{mA}$                                         |
| Ripple (20hz - 20M)                            | Voltage : $\leq 1\text{mVrms}$ / 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<br>Altitude : $\leq 2,000\text{m}$<br>Ambient temperature : 0 ~ 40°C<br>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<br>Relative humidity : $\leq 70\%$                                            |

**Note:** Input Voltage : 230V

### Part Number Table

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

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