

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 : $\leq 3\text{mArms}$ |
| 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 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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