

Encoder Control DC Power Supply

Single Channel, 0-30V, 0-10A



Features:

- Complete digital control
- 10mV / 1mA resolution
- Low noise and ripple
- CV / CC constant voltage and constant current modes
- Settable OCP and OVP, constant protection mode
- 5 sets of parameters can be stored and recalled
- Output switch control
- Power-off memory function
- Keyboard lock function to prevent operator errors
- Easy alternative to the traditional digital-display power supplies
- Certified by CE

**RoHS
Compliant**

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 : $\leq 0.5\%$ +10mA |
| Ripple (20hz - 20M) | Voltage : $\leq 2\text{mVrms}$ / Current : $\leq 5\text{mArms}$ |
| Temperature Coefficient | Voltage : $\leq 100\text{ppm}$ +10mV / Current : $\leq 100\text{ppm}$ +5mA |
| Read Back Accuracy | Voltage : 10mV / Current : 1mA |
| Read Back Temperature Coefficient | Voltage : $\leq 100\text{ppm}$ +10mV / Current : $\leq 100\text{ppm}$ +5mA |
| 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: $\leq 80\%$ |
| Interfaces | Optional Interfaces (for programmable models only) : RS232, USB |
| Accessories | User manual, Power cord (1.2m) |
| Weight and Dimension | 7kg / 110mm(W) \times 156mm(H) \times 310mm(D) |
| Storage Environment | Ambient temperature : -10°C to +70°C Relative humidity : $\leq 70\%$ |

Note: Input Voltage : 230V

Part Number Table

| Description | Part Number |
|---|-------------|
| Encoder Control DC Power Supply, Single Channel, 0-30V, 0-10A | 72-2925 |

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