

30V, 5A, Adjustable Single Output Programmable DC Power Supply



Features:

- Complete digital control / programmable
- 10mV / 1mA resolution
- Low noise and ripple
- CV / CC constant voltage and constant current modes
- OCP and OVP settings, constant protection mode
- 5 sets of parameters can be stored and recalled
- Output switch control
- Power-off memory function
- Keyboard lock function
- Interfaces : RS232, USB

Specifications:

| | |
|--|---|
| Voltage Range / Current Range | 0 - 30V / 0 - 5A Adjustable |
| 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 |
| Setup Accuracy (25°C $\pm 5^\circ\text{C}$) | Voltage : $\leq 0.5\% + 20\text{mV}$ / Current : $\leq 0.5\% + 10\text{mA}$ |
| Ripple (20Hz - 20MHz) | Voltage : $\leq 2\text{mV}_{\text{rms}}$ / Current : $\leq 5\text{mA}_{\text{rms}}$ |
| Temp. Coefficient | Voltage : $\leq 100\text{ppm} + 10\text{mV}$ / Current : $\leq 100\text{ppm} + 5\text{mA}$ |
| Read Back Accuracy | Voltage : 10mV / Current : 1mA |
| Read Back Temp. Coefficient | Voltage : $\leq 100\text{ppm} + 10\text{mV}$ / Current : $\leq 100\text{ppm} + 5\text{mA}$ |
| 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 °C ~ 40°C Relative humidity : $\leq 80\%$ |
| Input Voltage | 230V $\pm 10\%$, 50Hz |
| Interfaces | RS232, USB |
| Weight and Dimension | 4.3kg / 110mm(W) \times 156mm(H) \times 260mm(D) |
| Storage Environment | Ambient temperature : -10 °C to +70 °C Relative humidity : $\leq 70\%$ |
| Accessories | User manual, 1 \times UK power cord and 1 \times Euro power cord (1.2M), USB cord (1.2M) |

Part Number Table

| Description | Part Number |
|--|-------------|
| 30V, 5A Single CH, PROG PSU RS232 + USB | 72-2540 |

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