

# Single Channel Programmable DC Power Supply



## Specifications Table

| Performance                       |              | 72-2940  |
|-----------------------------------|--------------|--|
| Channels                          |              | Single Channel Programmable  |
| AC Input Voltage                  |              | 230V $\pm$ 10% / 50Hz  |
| Output Voltage Range              |              | 0 - 60V  |
| Output Current Range              |              | 0 - 5A   |
| Load Regulation                   | Voltage      | $\leq$ 0.01% + 2mV   |
|                                   | Current      | $\leq$ 0.1% + 10mA   |
| Line Regulation                   | Voltage      | $\leq$ 0.01% + 3mV   |
|                                   | Current      | $\leq$ 0.1% + 3mA  |
| Setup Resolution                  | Voltage      | 10mV   |
|                                   | Current      | 1mA  |
| Setup Accuracy (25°C $\pm$ 5°C)   | Voltage      | $\leq$ 0.5% + 30mV   |
|                                   | Current      | $\leq$ 0.5% + 5mA  |
| Ripple (20Hz - 20MHz)             | Voltage      | $\leq$ 1m Vrms   |
|                                   | Current      | $\leq$ 3m Arms   |
| Temperature Coefficient           | Voltage      | $\leq$ 150ppm + 10mV   |
|                                   | Current      | $\leq$ 150ppm + 5mA  |
| Read Back Accuracy                | Voltage      | 10mV   |
|                                   | Current      | 1mA  |
| Read Back Temperature Coefficient | Voltage      | $\leq$ 150ppm + 10mV   |
|                                   | Current      | $\leq$ 150ppm + 5mA  |
| Reaction Time (10% Rated load)    | Voltage Rise | $\leq$ 100ms   |
|                                   | Current Drop | $\leq$ 100ms   |
| Interfaces                        |              | RS-232, USB  |
| Weight                            |              | 8kg  |
| Dimension (W x H x D)             |              | 110mm x 156mm x 300mm  |
| Accessories                       | User manual  |  |
|                                   | Power cord   | UK plug + EU plug, Diameter: 0.75mm <sup>2</sup> x 3, length: 1.2m |
|                                   | USB cable    | USB cable length 1.5m, USB2, AM to BM                              |

## Part Number Table

| Description  | Part Number |
|--|-------------|
| Single Channel DC Power Supply, Programmable, 300W | 72-2940     |

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