

PS3030 DC Power Supply



Features

- 0~30V 0~10A regulable
- 3 digit LED display
- High as 80% power efficiency
- Full protection such as current-limit, short-circuit, over-heat, over-voltage.
- A secondary MOS linear circuit (with patent) ensuring a super voltage stability
- Small size as 3U high appropriately fit for work station or test equipment rack

Occasions and Applications

- Provide power source for factory maintenance, calibration positions
- Built in test equipment rack cabinet and supply power
- Power the DIY kits and circuits in our work bench
- A necessary tool for educational institute particularly for those involve electronics and tele-communication majorities.

For view more details log on to

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PS3030

DC Power Supply

Technical Specifications

| GENERAL INFORMATION | |
|-----------------------|--|
| Input: | 110V/220V AC switchable |
| Output: | 0~30V, 0~10A regulated |
| LED display | 3 digit LED $\pm 0.5\% \pm 1$ |
| Dimension: | 226*82*138mm |
| Net Weight: | 1.8kg |
| Working temperature: | 0 ~ 40°C |
| Relative humidity: | $\leq 80\%$ |
| VOLTAGE REGULATION | |
| Regulation rate: | $\leq 0.05\% + 3mV$ |
| Load regulation rate: | $\leq 0.1\% + 3mV$ (Rated Current $\leq 3A$) |
| | $\leq 0.1\% + 5mV$ (Rated Current $> 3A$) |
| Ripple and noise: | $\leq 5mV_{rms}$ (5Hz ~ 1MHz) |
| CURRENT REGULATION | |
| Regulation rate: | $\leq 0.2\% + 3mA$ |
| load regulation rate: | $\leq 0.2\% + 6mA$ |
| Ripple and noise: | $\leq 10mArms$ |
| Restore: | $\leq 300\mu s$ (with load of 50% regulation rate, 0.5A) |
| HIGH VOLTAGE | |
| Leak current: | $\leq 1mA$ (with input 1500VAC/1s to ground) |
| Insulant resistance: | $\geq 5MQ$ (with input 500VDC/5s to ground) |
| RESTORE CONDITIONS | |
| Temperature: | -10 ~ 70°C |
| Relative humidity: | $\leq 70\%$ |

Product Lineup

Regulated DC Power Supply, Power Module, GSM Alarm System, PIR motion sensor, Door Sensor

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