

REGULATED DC POWER SUPPLY

MODEL GS3010 (0-30V / 0-10A)

GAEC GS3010 DC Regulated Power Source provides high precision and stable DC power with automatic crossover between voltage regulation and current regulation mode. It is ideal for Industrial, automotive application, test benches, laboratories, educational experiments & repair facilities. The multi-turn voltage/current control knobs, helps user accurately set voltage & current limits. SMT control board with forced cooling arrangement assures reliable performance.



Features:

- SMD adhesive sheet element technology for internal PCB construction
- Two separate 3 Digit LED Display for current and voltage
- A cooling fan for thermal stability and continuous duty
- Multi-loop high precision voltage regulation
- Progressive current regulation
- Dual terminal system Safety test style or expandable screw terminals
- Overload protection circuit
- Low ripple voltage: <1mVrms
- Output polarity: Floating
- Rugged reinforced metal frame construction

Specifications:

| | |
|------------------------------|---|
| Input Voltage | 220V AC +/- 10%, 50Hz, 1Ph |
| Output | 0 - 30 VDC / 0 - 10A |
| Line Regulation : | |
| Constant Voltage | 0.001 + 3mV |
| Constant Current | 0.002 + 6mA |
| Load Regulation: | |
| Constant Voltage | 0.001 + 3mV |
| Constant Current | 0.002 + 6mA |
| Ripple & Noise | CV < 1mVrms CC < 10mA rms |
| Display | |
| Accuracy : Voltage | 1% + 3d |
| Current | 2% + 3d |
| Resolution : Voltage | 100mV |
| Current | 10mA |
| Protections | Overload & Short-circuit (Current Limiting) |
| Operating Temperature | 0 ~ + 40°C |
| Humidity | < 90% |
| Dimensions (W x H x D) in mm | 265 x 140 x 360 |
| Weight | 15 Kg |

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