

# REGULATED DC POWER SUPPLY

## MODEL GS3005 (0-30V / 0-5A)

**GAEC GS3005** 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 Coarse & fine voltage / Current control knobs helps the user accurately adjust voltage and 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 - 5A
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 < 10mArms
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	135 x 160 x 280
Weight	5 Kg

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