

GPR-M Series

180 WATT LINEAR

FEATURES

- Single Output
- 0.01% High Regulation
- Constant Voltage and Constant Current Operation
- Internal Select for Continuous or Dynamic Load
- Low Ripple and Noise
- Overload and Reverse Polarity Protection
- 3 1/2 Digit 0.5" LED Display



SPECIFICATIONS

CONSTANT VOLTAGE OPERATION

Line regulation	$\leq 0.01\% + 3mV$
Load regulation	$\leq 0.01\% + 5mV (<10A)$ $\leq 0.02\% + 5mV (>10A)$
Ripple & noise	$\leq 1mV_{rms} (5Hz - 1MHz)$
Recovery time	$\leq 100ms$ (50% load change, minimum load 0.5A)
Output range	0 to rated voltage continuously adjustable

CONSTANT CURRENT OPERATION

Line regulation	$\leq 0.1\% + 3mV$
Load regulation	$\leq 0.2\% + 3mA$
Ripple current	$\leq 3mA_{rms}$
Output range	0 to rating current continuously adjustable

METER

Digital	3 1/2 digit 0.5" LED display
Accuracy	$\pm (0.5\% \text{ of rdg} + 2 \text{ digits})$

INSULATION

Chassis and terminal	20M Ω or above DC 500V
Chassis and AC cord	30M Ω or above DC 500V
Safety	IEC/EN61010-1
CE mark	Yes

POWER SOURCE

Input voltage	AC 100V/120V/220V/240V $\pm 10\%$, 50/60Hz
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DIMENSIONS & WEIGHT

Case	255(W) x 145(H) x 335(D)mm Approx 11.5kg
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SELECTION TABLE

MODEL NUMBER	OUTPUT VOLTAGE	OUTPUT CURRENT	OUTPUT POWER
GPR-1810HD	0-18V	0-10A	180W
GPR-3060D	0-30V	0-6A	180W
GPR-6030D	0-60V	0-3A	180W