

Linear D.C. Power Supply



The GPR-M Series is single output, 180W, linear DC power supplies which featuring all the same functions as the GPR-H Series but for lower power demands. Like the GPR-H Series, the GPR-M Series is suitable for high-end precision bench top applications. Low load and line regulation for both constant voltage and constant current mode ensure reliable, predictable output. Overload and reverse polarity protection as well as internal selection for dynamic or constant load are standard.

GPR-M Series



FEATURES

- * 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

Regulation	Line regulation $\leq 0.01\% + 3\text{mV}$ Load regulation $\leq 0.01\% + 5\text{mV}$ ($<10\text{A}$) Load regulation $\leq 0.02\% + 5\text{mV}$ ($\geq 10\text{A}$)
Ripple & Noise	$\leq 1\text{mVrms}$ 5Hz – 1MHz
Recovery Time	$\leq 100\mu\text{S}$ (50% load change, minimum load 0.5A)
Output Range	0 to rating voltage continuously adjustable

CONSTANT CURRENT OPERATION

Regulation	Line regulation $\leq 0.2\% + 3\text{mA}$ Load regulation $\leq 0.2\% + 3\text{mA}$
Ripple Current	$\leq 3\text{mA}_{\text{rms}}$
Output Range	0 to rating current continuously adjustable

METER

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

Chassis and Terminal	$20\text{M}\Omega$ or above (DC 500V)
Chassis and AC Cord	$30\text{M}\Omega$ or above (DC 500V)

POWER SOURCE

AC 100V/120V/220V/240V $\pm 10\%$, 50/60Hz

DIMENSIONS

254(W) x 152(H) x 349(D) mm

ORDERING INFORMATION

Model	Output Volts (V)	Output Amps (A)	Weight (kg)
GPR-1810HD 180W D.C. Power Supply	0 – 18	0 – 10	11.5
GPR-3060D 180W D.C. Power Supply	0 – 30	0 – 6	11.5
GPR-6030D 180W D.C. Power Supply	0 – 60	0 – 3	11.5

ACCESSORIES :

User manual x 1 , Power cord x 1
Test lead GTL-105A x 1 (GPR-6030D)
GTL-104A x 1 (GPR-1810HD/3060D)

OPTIONAL ACCESSORIES

GRA-401 Rack Adapter Panel (19" , 4U)