



GPR-M Series



Patent No: 81011

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 Digits 0.5" LED Display

The GPR-M Series is single output, 180W, linear DC power supply. Overload and reverse polarity protection keep GPR and loads safe from unexpected conditions. High regulation and low ripple/noise are maintained at 0.01% and less than 1mVrms, respectively. Internal load selection, continuous or dynamic, accommodates certain applications such as pulsed current. The GPR-M Series is suitable for middle- to high-end bench-top application requiring preciseness.

SPECIFICATIONS	
CONSTANT VOLTAGE OPERATION	
Regulation	Line regulation $\leq 0.01\% + 3\text{mV}$ Load regulation $\leq 0.01\% + 5\text{mV}$ (<10A) 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	$\leq 3\text{mA rms}$
Output Range	0 to rating amperes continuously adjustable
METER	
Digital	3 1/2 Digits 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)
POWER SOURCE	
AC 100V/120V/220V/240V $\pm 10\%$, 50/60Hz	
DIMENSIONS	
255(W) x 145(H) x 335(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-105 x 1 (GPR-6030D)					
GTL-104 x 1 (GPR-1810DH/3060D)					
Optional Accessories					
GRA-401 Rack Adapter Panel					