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% + 3mV				
	Load regulation \leq 0.01% + 5mV (<10A)				
	Load regulation \leq 0.02% + 5mV (\geq 10A)				
Ripple & Noise	≤1mVrms 5Hz ~ 1MHz				
Recovery Time	\leq 100 μ S (50% load change, minimum load 0.5A)				
Output Range	0 to rating voltage continuously adjustable				
CONSTANT CURRENT OPERATION					
Regulation	Line regulation≤0.2% + 3mA				
	Load regulation≤0.2% + 3mA				
Ripple Current	≤3mArms				
Output Range	0 to rating current continuoulsy adjustable				
METER					
Digital	3 1/2 Digits 0.5" LED display				
_	Accuracy \pm (0.5% of rdg + 2 digits)				
INSULATION					
Chassis and Terminal	20Μ Ω or above (DC 500V)				
Chassis and AC Cord	30M $Ω$ or above (DC 500V)				
POWER SOURCE					
AC 100V/120V/220V/240V ±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)					