



The GPR-M Series are single output, 180W, linear DC power supplies. Featuring all the same functions as the GPR-H Series but for lower power demands. Like the GPR-H Series, the GPR-M Series are 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



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 Digit 0.5" LED Display

SPECIFICATIONS	
<b>CONSTANT VOLTAGE OPERATION</b>	
Regulation	Line regulation $\leq 0.01\% + 3mV$ Load regulation $\leq 0.01\% + 5mV (<10A)$ Load regulation $\leq 0.02\% + 5mV (\geq 10A)$
Ripple & Noise	$\leq 1mV_{rms}$ 5Hz ~ 1MHz
Recovery Time	$\leq 100\mu S$ ( 50% load change, minimum load 0.5A )
Output Range	0 to rating voltage continuously adjustable
<b>CONSTANT CURRENT OPERATION</b>	
Regulation	Line regulation $\leq 0.2\% + 3mA$ Load regulation $\leq 0.2\% + 3mA$
Ripple Current	$\leq 3mA_{rms}$
Output Range	0 to rating current continuously adjustable
<b>METER</b>	
Digital	3 1/2 Digits 0.5" LED display Accuracy $\pm ( 0.5\% \text{ of rdg } + 2 \text{ digits } )$
<b>INSULATION</b>	
Chassis and Terminal	20M $\Omega$ or above ( DC 500V )
Chassis and AC Cord	30M $\Omega$ or above ( DC 500V )
<b>POWER SOURCE</b>	
AC 100V/120V/220V/240V $\pm 10\%$ , 50/60Hz	
<b>DIMENSIONS</b>	
254(W) x 152(H) x 349(D) mm	

ORDERING INFORMATION					
	Model	Output Volts (V)	Output Amps (A)	Weight (kg)	
	<b>GPR-1810HD</b>	180W D.C. Power Supply	0 ~ 18	0 ~ 10	11.5
	<b>GPR-3060D</b>	180W D.C. Power Supply	0 ~ 30	0 ~ 6	11.5
	<b>GPR-6030D</b>	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-1810HD/3060D )					
<b>OPTIONAL ACCESSORIES</b>					
<b>GRA-401</b> Rack Adapter Panel					