

Linear D.C. Power Supply



GPR-M Series



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.

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 $\pm ( 0.5\% \text{ of rdg } + 2 \text{ digits } )$
INSULATION	
Chassis and Terminal	20M $\Omega$ or above ( DC 500V )
Chassis and AC Cord	30M $\Omega$ 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)			