

## GPR-M Series Linear DC Power Supply



### 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

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.

DC OUTPUT		
	Output Volts (V)	Output Amps (A)
<b>GPR-1810HD</b>	0 ~ 18	0 ~ 10
<b>GPR-3060D</b>	0 ~ 30	0 ~ 6
<b>GPR-6030D</b>	0 ~ 60	0 ~ 3
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
<b>CONSTANT CURRENT OPERATION</b>	
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
<b>METER</b>	
Type	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>ACCESSORIES</b>	
	User manual x 1 Power cord x 1 Test Lead GTL-104 x 1
<b>DIMENSIONS &amp; WEIGHT</b>	
	255(W) x 145(H) x 335(D)mm Approx. 11.5kg

<b>SELECTION GUIDE</b>				
	<b>Output Watts (W)</b>	<b>Output Volts (V)</b>	<b>Output Amps (A)</b>	<b>Weight (kg)</b>
<b>GPR-1810HD</b>	<b>180W</b>	0 ~ 18	0 ~ 10	11.5
<b>GPR-3060D</b>	<b>180W</b>	0 ~ 30	0 ~ 6	11.5

<b>GPR-6030D</b>	<b>180W</b>	<b>0 ~ 60</b>	<b>0 ~ 3</b>	<b>11.5</b>
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