



GPR-H Series

CE Patent No: 81011

The GPR-H Series is single output, 240 to 375W, 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 applications such as pulsed current. The GPR-H Series is suitable for middle- to high-end bench-top application requiring preciseness.

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

SPECIFICATIONS	
<b>CONSTANT VOLTAGE OPERATION</b>	
Regulation	Line regulation $\leq 0.01\% + 3mV$ Load regulation $\leq 0.01\% + 5mV (<10A)$ $\leq 0.02\% + 5mV (\geq 10A)$
Ripple & Noise	$\leq 1mVrms$ 5Hz ~ 1MHz
Recovery Time	$\leq 100 S$ (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	$\leq 5mA$ rms ( $\leq 20A$ ), $\leq 10mA$ rms ( $\leq 30A$ ) $\leq 20mA$ rms ( $\leq 50A$ )
Output Range	0 to rating amperes continuously adjustable
<b>METER</b>	
Digital	3 1/2 Digits 0.5" LED display Accuracy $\pm(0.5\%$ of rdg + 2 digits)
<b>INSULATION</b>	
Chassis and Terminal	100M $\Omega$ or above (DC 1000V)
Chassis and AC Cord	100M $\Omega$ or above (DC 1000V)
<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-105 x 1 ( $\leq 3A$ ) or GTL-104 x 1 ( $\leq 10A$ ) or Not Available ( $>10A$ )
<b>DIMENSIONS</b>	
	225(W) x 145(H) x 420(D) mm

ORDERING INFORMATION					
	Model	Output Volts (V)	Output Amps (A)	Weight (kg)	
	GPR-0830HD	240W D.C. Power Supply	0 ~ 8	0 ~ 30	18.5
	GPR-1820HD	360W D.C. Power Supply	0 ~ 18	0 ~ 20	18.5
	GPR-3510HD	350W D.C. Power Supply	0 ~ 35	0 ~ 10	18.5
	GPR-6060D	360W D.C. Power Supply	0 ~ 60	0 ~ 6	18.5
	GPR-7550D	375W D.C. Power Supply	0 ~ 75	0 ~ 5	18.5
	GPR-11H30D	330W D.C. Power Supply	0 ~ 110	0 ~ 3	13.5
	GPR-30H10D	300W D.C. Power Supply	0 ~ 300	0 ~ 1	13.5

NOTE : CE Approved Only for GPR-1820HD, GPR-3510HD, GPR-7550D, GPR-11H30D



GPR-M Series

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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.

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

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	$\leq 1mVrms$ 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 amperes continuously adjustable
<b>METER</b>	
Analog	V-meter and I-meter each one 2.5 class Dimension 60 x 80 mm
Digital	3 1/2 Digits 0.5" LED display Accuracy $\pm(0.5\%$ of rdg + 2 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-105 x 1 (GPR-6030D) GTL-104 x 1 (GPR-1810DH/3060D)
<b>DIMENSIONS</b>	
	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

POWER SUPPLIES

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