



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.

GPR-H Series



Patent No: 81011
 CE Approved Only for GPR-1820HD, GPR-3510HD, GPR-7550D, GPR-11H30D
 Rear-Panel Output for GPR-0830HD, GPR-1820HD

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	
CONSTANT VOLTAGE OPERATION	
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	≤ 100 S (50% Load change, Minimum load 0.5A)
Output Range	0 to rating voltage continuously adjustable
CONSTANT CURRENT OPERATION	
Regulation	Line regulation $\leq 0.2\% + 3mA$ Load regulation $\leq 0.2\% + 3mA$
Ripple Current	$\leq 5mArms$ ($\leq 20A$), $\leq 10mArms$ ($\leq 30A$) $\leq 20mArms$ ($\leq 50A$)
Output Range	0 to rating amperes 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	100M Ω or above (DC 1000V)
Chassis and AC Cord	100M Ω or above (DC 1000V)
POWER SOURCE	
AC 100V/120V/220V/240V $\pm 10\%$, 50/60Hz	
DIMENSIONS	
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

ACCESSORIES :
 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 ($>10A$)

Rear Panel



POWER SUPPLIES