

LINEAR D.C. POWER SUPPLY



The GPR-H Series are single output, 240 to 375W, linear DC power supplies. Ranging from 8 to 300V, the GPR-H Series come in a number of different configurations to suit a variety of different needs. To protect loads, the GPR-H series feature robust protection measures with overload and reverse polarity protection. Continuous or dynamic output is supported for pulsed current applications such as power amplifier testing. The high regulation and low ripple/noise make the GPR-H Series suitable for high-end bench-top applications requiring precision.

GPR-H 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
- * Internal Select for Continuous or Dynamic Load (for GPR-3510HD/GPR-6060D/GPR-7550D)

技术咨询与报价

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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	$\leq 1mV_{rms} 5Hz \sim 1MHz$
Recovery Time	$\leq 100 S$ (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 $\leq 0.2\% + 5mA$
Ripple Current	$\leq 5mArms (<20A), \leq 10mArms (\leq 30A)$ $\leq 20mArms (\leq 50A)$
Output Range	0 to rating current continuously adjustable
METER	
Type	3 1/2 Digit 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	
254(W) x 152(H) x 456(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 ($>10A$)

NOTE: CE Approved Only for GPR-1820HD, GPR-3510HD, GPR-7550D, GPR-11H30D
Rear-Panel Output for GPR-0830HD, GPR-1820HD

Rear Panel

