



The GPR-U Series is single output, 500 to 900W, linear DC power supply. Overload and reverse polarity protection, in addition to standard OVP/OCP/OTP, protect GPR and loads from unexpected conditions. High regulation and low ripple/noise are maintained at 0.01% and less than 2mVrms, respectively. Special order with custom output configuration is available within 8 to 1000V, 0.5 to 75A, under 1kVA. The GPR-U Series is the ideal lineup for system applications requiring large output capacity and custom-made output settings, such as materials and products aging.

GPR-U Series



Patent No: 81011
Rear-Panel Output for GPR-1850HD/3520HD/6015HD

FEATURES

- * 0.01% High Regulation
- * Constant Voltage and Constant Current Operation
- * Low Ripple and Noise
- * Overload and Reverse Polarity Protection
- * 3 1/2 Digits 0.5" LED Display
- * Application for Material and Products Aging
- * Built-In Overvoltage and Overcurrent Tripped Growbar
- * Ten-Turn Potentiometer

SPECIFICATIONS	
CONSTANT VOLTAGE OPERATION	
Regulation	Line regulation $\leq 0.01\% + 3mV$ Load regulation $\leq 0.01\% + 5mV (<10A)$ $\leq 0.02\% + 5mV$ rating ($\geq 10A$)
Ripple & Noise	$\leq 2mV_{rms}$ 5Hz ~ 1MHz
Recovery Time	$\leq 100\mu S$ (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	$\leq 5mArms$ ($\leq 20A$), $\leq 20mArms$ ($\leq 50A$) $\leq 100mArms$ ($\leq 100A$)
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 120V $\pm 10\%$, 50/60Hz (AC220V, or 240V order made)	
DIMENSIONS	
430(W) x 178(H) x 572(D) mm	

Rear Panel



GPR-6015HD



GPR-25H30D

ORDERING INFORMATION					
	Model	Output Volts (V)	Output Amps (A)	Weight (kg)	
	GPR-1850HD	900W D.C. Power Supply	0 ~ 18	0 ~ 50	30
	GPR-3520HD	700W D.C. Power Supply	0 ~ 35	0 ~ 20	29.5
	GPR-6015HD	900W D.C. Power Supply	0 ~ 60	0 ~ 15	30
	GPR-7510HD	750W D.C. Power Supply	0 ~ 75	0 ~ 10	29.5
	GPR-16H50D	800W D.C. Power Supply	0 ~ 160	0 ~ 5	30.5
	GPR-25H30D	750W D.C. Power Supply	0 ~ 250	0 ~ 3	29.5
	GPR-35H20D	700W D.C. Power Supply	0 ~ 350	0 ~ 2	29.5
	GPR-50H15D	750W D.C. Power Supply	0 ~ 500	0 ~ 1.5	29.5
	GPR-60H15D	800W D.C. Power Supply	0 ~ 600	0 ~ 1.5	30.5
	GPR-100H05D	500W D.C. Power Supply	0 ~ 1000	0 ~ 0.5	28.5
ACCESSORIES :					
User manual x 1					
Test lead GTL-105 x 1 ($\leq 3A$) or GTL-104 x 1 ($\leq 10A$) or Not Available ($> 10A$ or 600V)					

NOTE: Welcome special order from 8 volts to 1000 volts and 0.5 Amps to 75 Amps under 1kVA available.