



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

**Rear-Panel Output** 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	
<b>CONSTANT VOLTAGE OPERATION</b>	
<b>Regulation</b>	Line regulation $\leq 0.01\% + 3mV$ Load regulation $\leq 0.01\% + 5mV (<10A)$ $\leq 0.02\% + 5mV$ rating ( $\geq 10A$ )
<b>Ripple &amp; Noise</b>	$\leq 2mV_{rms}$ 5Hz ~ 1MHz
<b>Recovery Time</b>	$\leq 100\mu S$ (50% Load change, Minimum load 0.5A)
<b>Output Range</b>	0 to rating voltage continuously adjustable
<b>CONSTANT CURRENT OPERATION</b>	
<b>Regulation</b>	Line regulation $\leq 0.2\% + 3mA$ Load regulation $\leq 0.2\% + 3mA$
<b>Ripple Current</b>	$\leq 5mArms$ ( $\leq 20A$ ), $\leq 20mArms$ ( $\leq 50A$ ) $\leq 100mArms$ ( $\leq 100A$ )
<b>Output Range</b>	0 to rating amperes continuously adjustable
<b>METER</b>	
<b>Digital</b>	3 1/2 Digits 0.5" LED display Accuracy $\pm (0.5\% \text{ of rdg} + 2 \text{ digits})$
<b>INSULATION</b>	
<b>Chassis and Terminal</b>	100M $\Omega$ or above (DC 1000V)
<b>Chassis and AC Cord</b>	100M $\Omega$ or above (DC 1000V)
<b>POWER SOURCE</b>	
AC 120V $\pm 10\%$ , 50/60Hz (AC220V, or 240V order made)	
<b>DIMENSIONS</b>	
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)	
	<b>GPR-1850HD</b>	900W D.C. Power Supply	0 ~ 18	0 ~ 50	30
	<b>GPR-3520HD</b>	700W D.C. Power Supply	0 ~ 35	0 ~ 20	29.5
	<b>GPR-6015HD</b>	900W D.C. Power Supply	0 ~ 60	0 ~ 15	30
	<b>GPR-7510HD</b>	750W D.C. Power Supply	0 ~ 75	0 ~ 10	29.5
	<b>GPR-16H50D</b>	800W D.C. Power Supply	0 ~ 160	0 ~ 5	30.5
	<b>GPR-25H30D</b>	750W D.C. Power Supply	0 ~ 250	0 ~ 3	29.5
	<b>GPR-35H20D</b>	700W D.C. Power Supply	0 ~ 350	0 ~ 2	29.5
	<b>GPR-50H15D</b>	750W D.C. Power Supply	0 ~ 500	0 ~ 1.5	29.5
	<b>GPR-60H15D</b>	800W D.C. Power Supply	0 ~ 600	0 ~ 1.5	30.5
	<b>GPR-100H05D</b>	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.