

# D.C. Power Supply

Patent No: 81011



## 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 Crowbar**
- \* **Ten-turn Potentiometer**

GPR-U SERIES (DIGITAL TYPE)

## SPECIFICATIONS

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<b>CONSTANT VOLTAGE OPERATION</b>	<b>Regulation</b>	Line regulation $\leq 0.01\% + 3mV$ Load regulation $\leq 0.01\% + 5mV (<10A)$ $\leq 0.02\% + 5mV \text{ rating} \geq 10A$
	<b>Ripple &amp; Noise</b>	$\leq 2mV_{rms} \text{ } 5Hz \sim 1MHz$
	<b>Recovery Time</b>	$\leq 100mS$ ( 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>	100MW or above ( DC 1000V )
	<b>Chassis and AC Cord</b>	100MW or above ( DC 1000V )
<b>POWER SOURCE</b>		AC 120V $\pm 10\%$ , 50/60Hz (AC220V, or 240V order made)
<b>ACCESSORIES</b>		Instruction manual x 1 Test lead GTL-105 x 1 ( $\leq 3A$ ) or GTL-104 x 1 ( $\leq 10A$ ) or Not Available > 10A or 600V
<b>DIMENSIONS</b>		430(W) x 178(H) x 572(D) mm

	Model	Output Volts (V)	Output Amps (A)	Weight (kg)
Digital	GPR-0875HD	0 ~ 8	0 ~ 75	29
	GPR-1850HD	0 ~ 18	0 ~ 50	30
	GPR-3520HD	0 ~ 35	0 ~ 20	29.5
	GPR-6015HD	0 ~ 60	0 ~ 15	30
	GPR-7510HD	0 ~ 75	0 ~ 10	29.5
	GPR-16H50D	0 ~ 160	0 ~ 5	30.5
	GPR-25H30D	0 ~ 250	0 ~ 3	29.5
	GPR-35H20D	0 ~ 350	0 ~ 2	29.5
	GPR-50H15D	0 ~ 500	0 ~ 1.5	29.5
	GPR-60H15D	0 ~ 600	0 ~ 1.5	30.5
	GPR-100H05D	0 ~ 1000	0 ~ 0.5	28.5

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