

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

SPECIFICATIONS

CONSTANT VOLTAGE OPERATION	Regulation	Line regulation $\leq 0.01\% + 3\text{mV}$ Load regulation $\leq 0.01\% + 5\text{mV}$ ($< 10\text{A}$) $\leq 0.02\% + 5\text{mV}$ rating $\geq 10\text{A}$
	Ripple & Noise	$\leq 2\text{mVrms}$ 5Hz ~ 1MHz
	Recovery Time	$\leq 100\mu\text{S}$ (50% Load change, Minimum load 0.5A)
	Output Range	0 to rating voltage continuously adjustable
CONSTANT CURRENT OPERATION	Regulation	Line regulation $\leq 0.2\% + 3\text{mA}$ Load regulation $\leq 0.2\% + 3\text{mA}$
	Ripple Current	$\leq 5\text{mArms}$ ($\leq 20\text{A}$), $\leq 20\text{mArms}$ ($\leq 50\text{A}$) $\leq 100\text{mArms}$ ($\leq 100\text{A}$)
	Output Range	0 to rating amperes continuously adjustable
METER	Digital	3 1/2 Digits 0.5" LED display Accuracy $\pm(0.5\%$ of rdg + 2 digits)
INSULATION	Chassis and Terminal Chassis and AC Cord	100M Ω or above (DC 1000V) 100M Ω or above (DC 1000V)
POWER SOURCE		AC 120V $\pm 10\%$, 50/60Hz (AC220V, or 240V order made)
ACCESSORIES		Instruction manual x 1 Test lead GTL-105 x 1 ($\leq 3\text{A}$) or GTL-104 x 1 ($\leq 10\text{A}$) or Not Available ($> 10\text{A}$ or 600V)
DIMENSIONS		430(W) x 178(H) x 572(D) mm

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

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