

GPR-U Series

single output, 500 to 900W, linear DC power



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

GWINSTEK
Simply Reliable

DC OUTPUT		
	Output Volts (V)	Output Amps (A)
GPR-1850HD	0 ~ 18	0 ~ 50
GPR-3520HD	0 ~ 35	0 ~ 20
GPR-6015HD	0 ~ 60	0 ~ 15
GPR-7510HD	0 ~ 75	0 ~ 10
GPR-16H50D	0 ~ 160	0 ~ 5
GPR-25H30D	0 ~ 250	0 ~ 3
GPR-35H20D	0 ~ 350	0 ~ 2
GPR-50H15D	0 ~ 500	0 ~ 1.5
GPR-60H15D	0 ~ 600	0 ~ 1.5
GPR-100H05D	0 ~ 1000	0 ~ 0.5
CONSTANT VOLTAGE OPERATION		
Regulation	Line regulation $\leq 0.01\% + 3\text{mV}$ Load regulation $\leq 0.01\% + 5\text{mV}$ (<10A) Load regulation $\leq 0.02\% + 5\text{mV}$ ($\geq 10\text{A}$)	
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	$\leq 5\text{mA rms}$ ($\leq 20\text{A}$) $\leq 20\text{mA rms}$ ($\leq 50\text{A}$) $\leq 100\text{mA rms}$ ($\leq 100\text{A}$)	
Output Range	0 to rating current continuously adjustable	
METER		
Type	3 1/2 Digits 0.5" LED Display	
Accuracy	\pm (0.5% of rdg + 2 digits)	
INSULATION		
Chassis and Terminal	100M Ω or above (DC 1000V)	
Chassis and AC Cord	100M Ω or above (DC 1000V)	
POWER SOURCE		
	AC120V $\pm 10\%$, 50/60Hz (AC 220V or 240V order made)	
ACCESSORIES		
	User 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 (>10A or 600V)	