

Power Supplies

Instek GPR-100H05D GPR-U SERIES (Digital Type)



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The GPR-HU SERIES have single high-power adjustable outputs.

勝特力材料 886-3-5753170
勝特力电子(上海) 86-21-54151736
勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

Features:

- 0.01% High Resolution
- Constant Voltage and Constant Current Operation
- Low Ripple and Noise
- Overload and Reverse Polarity Protection
- 3½ Digit 0.5" LED Displays Showing Voltage and Current
- Built-in Overvoltage and Overcurrent Trip Crowbar
- Ten-turn Potentiometer
- Suitable for Material and Product Aging

Model	Output Volts (V)	Output Amps (A)
GPR-0875HD	0 ~ 8	0 ~ 75
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

Accessories

Specifications

Constant Voltage Operation

Line Regulation: $\leq 0.01\% + 3\text{mV}$
Load Regulation: $\leq 0.01\% + 5\text{mV}$ (rating current $< 10\text{A}$)
 $\leq 0.02\% + 5\text{mV}$ (rating current $\geq 10\text{A}$)
Ripple and Noise: $\leq 2\text{mVrms}$ 5Hz ~ 1MHz
Recovery Time: $\leq 100\mu\text{s}$ (50% load change, minimum load 0.5A)
Output Range: 0V to rated voltage, continuously adjustable

Constant Current Operation

Line Regulation: $\leq 0.2\% + 3\text{mA}$
Load Regulation: $\leq 0.2\% + 3\text{mA}$
Ripple Current: $\leq 5\text{mA}_{\text{rms}}$ ($\leq 20\text{A}$), $\leq 20\text{mA}_{\text{rms}}$ ($\leq 50\text{A}$),
 $\leq 100\text{mA}_{\text{rms}}$ ($\leq 100\text{A}$)
Output Range: 0A to rated current, continuously adjustable

Meter

Meter Type: Dual 3½ digit 0.5" LED display
Accuracy: $\pm(0.5\%$ of reading + 2 digits)

Insulation

Chassis and Terminal: $100\text{M}\Omega$ or above (1000V DC)
Chassis and AC Cord: $100\text{M}\Omega$ or above (1000V DC)

Other Details

Power Source: AC 120V or 220V or 240V (specify when ordering) $\pm 10\%$, 50/60Hz
Accessories: Power cord x 1, Instruction manual x 1, Test lead (type GTL-105 with units rated to 3A, type GTL-104 with units rated to 10A, not supplied with units rated over 10A) x 1
Dimensions: 430mm (w) x 178mm (h) x 572mm (d)
Weight: 30kg approx

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