

D.C. Power Supply

C1

Patent No: 81011



FEATURES

- * 0.01% High Regulation
- * Constant Voltage and Constant Current Operation
- * Internal Select for Continuous or Dynamic Load
- * Low Ripple and Noise
- * Overload and Reverse Polarity Protection
- * 3 1/2 Digits 0.5" LED Display

GPR-H SERIES

SPECIFICATIONS

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|-----------------------------------|-----------------------------|--|
| CONSTANT VOLTAGE OPERATION | Regulation | Line regulation $\leq 0.01\% + 3mV$ Load regulation $\leq 0.01\% + 5mV (<10A)$ $\leq 0.02\% + 5mV (\geq 10A)$ |
| | Ripple & Noise | $\leq 1mVrms$ 5Hz ~ 1MHz |
| | Recovery Time | $\leq 100 \mu S$ (50% Load change, Minimum load 0.5A) |
| | Output Range | 0 to rating voltage continuously adjustable |
| CONSTANT CURRENT OPERATION | Regulation | Line regulation $\leq 0.2\% + 3mA$ Load regulation $\leq 0.2\% + 3mA$ |
| | Ripple Current | $\leq 5mArms (\leq 20A), \leq 10mArms (\leq 30A)$ $\leq 20mArms (\leq 50A)$ |
| | Output Range | 0 to rating amperes continuously adjustable |
| METER | Digital | 3 1/2 Digits 0.5" LED display Accuracy $\pm (0.5\% \text{ of rdg } + 2 \text{ digits })$ |
| INSULATION | Chassis and Terminal | 100M Ω or above (DC 1000V) |
| | Chassis and AC Cord | 100M Ω or above (DC 1000V) |
| POWER SOURCE | | AC 100V/120V/220V/240V $\pm 10\%$, 50/60Hz |
| ACCESSORIES | | Instruction manual x 1, Power cord x 1 Test lead GTL-105 x 1 ($\leq 3A$) or GTL-104 x 1 ($\leq 10A$) or Not Available (>10A) |
| DIMENSIONS | | 225(W) x 145(H) x 420(D) mm |

ORDERING INFORMATION

| Model | Output Volts (V) | Output Amps (A) | Weight (kg) |
|-----------------------------------|------------------|-----------------|-------------|
| GPR-0830HD 240W D.C. Power Supply | 0 ~ 8 | 0 ~ 30 | 18.5 |
| GPR-1820HD 360W D.C. Power Supply | 0 ~ 18 | 0 ~ 20 | 18.5 |
| GPR-3510HD 350W D.C. Power Supply | 0 ~ 35 | 0 ~ 10 | 18.5 |
| GPR-6060D 360W D.C. Power Supply | 0 ~ 60 | 0 ~ 6 | 18.5 |
| GPR-7550D 375W D.C. Power Supply | 0 ~ 75 | 0 ~ 5 | 18.5 |
| GPR-11H30D 330W D.C. Power Supply | 0 ~ 110 | 0 ~ 3 | 13.5 |
| GPR-30H10D 300W D.C. Power Supply | 0 ~ 300 | 0 ~ 1 | 13.5 |

NOTE : Approved Only for GPR-1820HD, GPR-3510HD, GPR-7550D, GPR-11H30D