

D.C. Power Supply

C1



GPS-SERIES (ANALOG TYPE)

GPS-SERIES

FEATURES

- * Light and Compact Design
- * 0.01% High Regulation
- * Constant Voltage and Constant Current Operation
- * Series or Parallel Operation Function

- * Remote Control for External Programmable
- * Internal Select for Continuous or Dynamic Load
- * Low Ripple and Noise
- * Overload and Reverse Polarity protection

SPECIFICATIONS

CONSTANT VOLTAGE OPERATION	Regulation	Line regulation $\leq 0.01\% + 3\text{mV}$ Load regulation $\leq 0.01\% + 3\text{mV}$ (rating current $\leq 3\text{A}$) $\leq 0.01\% + 5\text{mV}$ (rating current $> 3\text{A}$)
	Ripple & Noise	$\leq 0.5\text{mVrms}$ 5Hz ~ 1MHz (rating current $\leq 3\text{A}$) $\leq 1\text{mVrms}$ 5Hz ~ 1MHz (rating current $> 3\text{A}$)
	Recovery Time	$\leq 100\mu\text{S}$ (50% Load change, Minimum load 0.5A)
	Temp. Coefficient	$\leq 300\text{ppm}/^\circ\text{C}$
	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	$\leq 3\text{mA}_{\text{rms}}$
	Output Range	0 to rating current continuously adjustable (Hi / Lo range switchable)
METER	Analog	V-meter and I-meter each one 2.5 class
	Digital	Dimensions 50 x 50 mm 3 1/2 digits 0.5" LED display Accuracy $\pm (0.5\% \text{ of rdg} + 2 \text{ digits})$
INSULATION	Chassis and Terminal	20M Ω or above (DC 500V)
	Chassis and AC Cord	30M Ω or above (DC 500V)
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 ($\leq 3\text{A}$) or GTL-104 x 1 ($\leq 10\text{A}$)
DIMENSIONS		128(W) x 145(H) x 285(D) mm

ORDERING INFORMATION

Model	Output Volts(V)	Output Amps(A)	Weight (kg)
GPS-1830 54W D.C. Power Supply	0 ~ 18	0 ~ 3	4
GPS-1850 90W D.C. Power Supply	0 ~ 18	0 ~ 5	5.5
GPS-3030 90W D.C. Power Supply	0 ~ 30	0 ~ 3	5
GPS-6010 60W D.C. Power Supply	0 ~ 60	0 ~ 1	4
GPS-1830D 54W D.C. Power Supply	0 ~ 18	0 ~ 3	4
GPS-1850D 90W D.C. Power Supply	0 ~ 18	0 ~ 5	5
GPS-3030D 90W D.C. Power Supply	0 ~ 30	0 ~ 3	5

Strumenti di Misura Nuovi e Ricondizionati



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