

D.C. POWER SUPPLY (< 100VA)

**GPS-SERIES
(ANALOG)**



**GPS-SERIES
(DIGITAL)**



**GPS-3030DD
(DIGITAL)**



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| <ul style="list-style-type: none"> ● Light and Compact Design ● 0.01% High Regulation ● Internal Select for Continuous or Dynamic Load ● Series or Parallel Operation Function | <ul style="list-style-type: none"> ● Remote Control for External Programmable ● Internal Select for Continuous or Dynamic Load ● Low Ripple and Noise ● Overload and Reverse Polarity Protection |
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SPECIFICATIONS

CONSTANT VOLTAGE OPERATION	Regulation	Line regulation $\leq 0.01\% + 3\text{mV}$ Load regulation $\leq 0.01\% + 3\text{mV}$ (rating current $\leq 3\text{A}$) $\leq 0.02\% + 5\text{mV}$ (rating current $> 3\text{A}$)
	Ripple & Noise	$< 0.5\text{mVrms}$ 5Hz ~ 1MHz (rating current $\leq 3\text{A}$) $< 1\text{mVrms}$ 5Hz ~ 1MHz (rating current $> 3\text{A}$)
	Recovery Time	$< 100\mu\text{S}$ (50% Load change, Minimum load 0.5A)
	Temp. Coefficient	$< 300\text{ppm}/^\circ\text{C}$
	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	$< 3\text{mA}_{\text{rms}}$
	Output Range	0 to rating amperes continuously adjustable (Hi / Lo range switchable)
METER	Analog	V-meter and I-meter each one 2.5 class Dimension 50 x 50 mm
	Digital	3 1/2 digits 0.5" LED display 3 1/2 digits 0.39" LED display (for GPS-3030DD) Accuracy $\pm (0.5\% \text{ of rdg} + 2 \text{ digits})$
INSULATION	Chassis and Terminal	$20\text{M}\Omega$ or above (DC 500V)
	Chassis and AC Cord	$30\text{M}\Omega$ 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

SELECTION GUIDE

	Model	Output Volts (V)	Output Amps (A)
Analog	GPS-1830	0 ~ 18	0 ~ 3
	GPS-1850	0 ~ 18	0 ~ 5
	GPS-3030	0 ~ 30	0 ~ 3
	GPS-6010	0 ~ 60	0 ~ 1
Digital	GPS-1830D	0 ~ 18	0 ~ 3
	GPS-1850D	0 ~ 18	0 ~ 5
	GPS-3030D	0 ~ 30	0 ~ 3
	GPS-3030DD	0 ~ 30	0 ~ 3