

# D.C. Power Supply



GPS-SERIES  
(ANALOG TYPE)



GPS-SERIES  
(DIGITAL TYPE)



GPS-3030DD  
(DIGITAL TYPE)

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

- \* Remote Control by External Voltage
- \* 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 Temp. Coefficient Output Range	$\leq 100\text{mS}$ ( 50% Load change, Minimum load 0.5A ) $\leq 300\text{ppm}/^\circ\text{C}$ 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 Output Range	$\leq 3\text{mA rms}$ 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 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 Chassis and AC Cord	20MW or above ( DC 500V ) 30MW or above ( DC 500V )
POWER SOURCE		AC 100V/120V/220V/240V $\pm 10\%$ , 50/60Hz
ACCESSORIES		Power cord x 1, Instruction manual 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

	Model	Output Volts(V)	Output Amps(A)	Weight (kg)
Analog	GPS-1830	0 ~ 18	0 ~ 3	4
	GPS-1850	0 ~ 18	0 ~ 5	5.5
	GPS-3030	0 ~ 30	0 ~ 3	5
	GPS-6010	0 ~ 60	0 ~ 1	4
Digital	GPS-1830D	0 ~ 18	0 ~ 3	4
	GPS-1850D	0 ~ 18	0 ~ 5	5
	GPS-3030D	0 ~ 30	0 ~ 3	5
	GPS-3030DD	0 ~ 30	0 ~ 3	5