

## D.C. Power Supply



**GPS-SERIES (ANALOG TYPE)**



**GPS-SERIES**

### FEATURES

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

<b>CONSTANT VOLTAGE OPERATION</b>	<b>Regulation</b>  <b>Ripple &amp; Noise</b>  <b>Recovery Time</b> <b>Temp. Coefficient</b> <b>Output Range</b>	Line regulation $\leq 0.01\% + 3mV$ Load regulation $\leq 0.01\% + 3mV$ (rating current $\leq 3A$ ) $\leq 0.01\% + 5mV$ (rating current $> 3A$ ) $\leq 0.5mVrms$ 5Hz ~ 1MHz (rating current $\leq 3A$ ) $\leq 1mVrms$ 5Hz ~ 1MHz (rating current $> 3A$ ) $\leq 100\mu S$ (50% Load change, Minimum load 0.5A) $\leq 300 ppm / ^\circ C$ 0 to rating voltage continuously adjustable
<b>CONSTANT CURRENT OPERATION</b>	<b>Regulation</b>  <b>Ripple Current</b> <b>Output Range</b>	Line regulation $\leq 0.2\% + 3mA$ Load regulation $\leq 0.2\% + 3mA$ $\leq 3mA_{rms}$ 0 to rating current continuously adjustable ( Hi / Lo range switchable )
<b>METER</b>	<b>Analog</b>  <b>Digital</b>	V-meter and I-meter each one 2.5 class Dimensions 50 x 50 mm 3 1/2 digits 0.5" LED display Accuracy $\pm ( 0.5\% \text{ of rdg} + 2 \text{ digits} )$
<b>INSULATION</b>	<b>Chassis and Terminal</b> <b>Chassis and AC Cord</b>	20M $\Omega$ or above ( DC 500V ) 30M $\Omega$ or above ( DC 500V )
<b>POWER SOURCE</b>		AC 100V/120V/220V/240V $\pm 10\%$ , 50/60Hz
<b>ACCESSORIES</b>		Instruction manual x 1 , Power cord x 1 Test lead GTL-105 x 1 ( $\leq 3A$ ) or GTL-104 x 1 ( $\leq 10A$ )
<b>DIMENSIONS</b>		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