

# Bench DC Power Supplies

**GW INSTEK**

## GPS Single Output Series

- Linear.
- 100W.
- 8 Models in Range.



		Analogue Display		Digital Display			
		GPS-1850	GPS-3030S	GPS-1830D	GPS-1850D	GPS-3030DS	GPS-3030DDS
<b>Output Volts (V)</b>		0 ~ 18	0 ~ 30	0 ~ 18	0 ~ 18	0 ~ 30	0 ~ 30
<b>Output Amps (A)</b>		0 ~ 5	0 ~ 3	0 ~ 3	0 ~ 5	0 ~ 3	0 ~ 3
<b>Constant Voltage Operation</b>	Regulation	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) $\leq 300ppm / ^\circ C$ 0 to Rating Voltage Continuously Adjustable					
	Ripple & Noise						
	Recovery Time						
	Temp. Coefficient						
<b>Constant Current Operation</b>	Regulation	Line Regulation $\leq 0.2\% + 3mA$ Load Regulation $\leq 0.2\% + 3mA$ $\leq 3mArms$ 0 to Rating Current Continuously Adjustable (Hi / Lo Range Switchable)					
	Ripple Current						
<b>Meter</b>		V-Meter and I-Meter Dimensions 50 x 50 mm		3½ Digits 0.5" LED Display 2 x 3½ Digits 0.39" LED Display (for GPS-3030DD) Accuracy $\pm (0.5\%$ of Rdg + 2 Digits)			
		0 ~ 100% of full scale programmable using 0 ~ 10V					
<b>Insulation</b>	Chassis & Terminal	20M $\Omega$ or above (DC 500V)					
	Chassis & AC Cord	30M $\Omega$ or above (DC 500V)					
<b>Power Source</b>		AC 100V / 120V / 220V / 240V $\pm 10\%$ , 50/60Hz					
<b>Accessories</b>		Power Cord x 1, Instruction Manual x 1 Text Lead GTL-105 x 1 ( $\leq 3A$ ) or GTL-104 x 1 ( $\leq 10A$ )					
<b>Dimensions</b>		128mm (W) x 145mm (H) x 285mm (D)					
<b>Weight (kg)</b>		5.5	5	4	5	5	5

### ORDERING INFORMATION

GPS-1850	90W DC Power Supply, 0 ~ 18V, 0 ~ 5A, 5.5kg.
GPS-3030	90W DC Power Supply, 0 ~ 30V, 0 ~ 3A, 5kg.
GPS-1830D	54W DC Power Supply, 0 ~ 18V, 0 ~ 3A, 4kg.
GPS-1850D	90W DC Power Supply, 0 ~ 18V, 0 ~ 5A, 5kg.
GPS-3030D	90W DC Power Supply, 0 ~ 30V, 0 ~ 3A, 5kg.
GPS-3030DD	90W DC Power Supply, 0 ~ 30V, 0 ~ 3A, 5kg.