

## GPS-Series Specifications

The specifications apply when the GPS-Series is powered on for at least 30 minutes under +20°C~+30°C.

DC OUTPUT		
	Output Volts (V)	Output Amps (A)
GPS-1850	0 ~ 18	0 ~ 5
GPS-3030	0 ~ 30	0 ~ 3
GPS-6010	0 ~ 60	0 ~ 1
GPS-1830D	0 ~ 18	0 ~ 3
GPS-1850D	0 ~ 18	0 ~ 5
GPS-3030D	0 ~ 30	0 ~ 3
GPS-3030DD	0 ~ 30	0 ~ 3
CONSTANT VOLTAGE OPERATION		
Regulation	Line regulation $\leq 0.01\% + 3\text{mV}$ Load regulation $\leq 0.01\% + 3\text{mV}$ (rating current $\leq 3\text{A}$ ) Load regulation $\leq 0.01\% + 5\text{mV}$ (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	
	2.5 class	
	Dimensions 50 x 50 mm	
Digital	3 1/2 digital 0.5" LED display (3030D)	
	3 1/2 digital 0.39" LED display (3030DD)	
	Accuracy $\pm(0.5\%$ of rdg + 2 digits)	
INSULATION		
Chassis and Terminal	20M $\Omega$ or above (DC 500V)	
Chassis and AC Cord	30M $\Omega$ or above (DC 500V)	
POWER SOURCE		
	AC 100V/120V/220V/240V $\pm 10\%$ , 50/60Hz	
ACCESSORIES		
	User manual x 1 Power cord x 1 Test lead GTL-105 x 1 European test lead GTL-201A (optional)	
DIMENSIONS & WEIGHT		
	128(W) x 145(H) x 285(D)mm Approx. 5kg	