

## GPS-x303 Specifications

The specifications apply when the GPS-x303 is powered on for at least 30 minutes under +20°C~+30°C.

	GPS-4303				GPS-3303			GPS-2303	
<b>DC OUTPUT</b>									
	CH1	CH2	CH3	CH4	CH1	CH2	CH3	CH1	CH2
Voltage	0~30V		2.2~5.2V	8~15V	0~30V		5V Fixed	0~30V	
Current	0~3A		1A Max.	1A Max.	0~3A		3A Max.	0~3A	
Tracking Series Voltage	0~60V		---		0~60V		---		0~60V
Tracking Parallel Current	0~6A		---		0~6A		---		0~6V
<b>CONSTANT VOLTAGE OPERATION (CH1, CH2)</b>									
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	$\leq 1\text{mVrms}$ 5Hz ~ 1MHz								
Recovery Time	$\leq 100\mu\text{S}$ ( 50% Load change, Minimum load 0.5A )								
<b>CONSTANT CURRENT OPERATION (CH1, CH2)</b>									
Line Regulation	$\leq 0.2\% + 3\text{mA}$								
Load Regulation	$\leq 0.2\% + 3\text{mA}$								
Ripple Current	$\leq 3\text{mA}_{\text{rms}}$								
<b>TRACKING OPERATION (CH1, CH2)</b>									
Tracking Error	$\leq 0.5\% + 10\text{mV}$ of CH1								
Series Regulation	$\leq 0.01\% + 5\text{mV}$								
Load Regulation	$\leq 300\text{mV}$								
Ripple & Noise	$\leq 2\text{mVrms}$ , 5Hz ~ 1MHz								
<b>CH3 OPERATION (for GPS-3303/4303)</b>									
CH3 Voltage	2.2V ~ 5.2V								
Line Regulation	$\leq 5\text{mV}$								
Load Regulation	$\leq 15\text{mV}$								
Ripple & Noise	$\leq 2\text{mVrms}$ 5Hz ~ 1MHz								
Current Output	1A								
<b>CH4 OPERATION (for GPS-4303)</b>									
CH4 VOLTAGE	8V ~ 5V								
Line Regulation	$\leq 5\text{mV}$								
Load Regulation	$\leq 10\text{mV}$								
Ripple & Noise	$\leq 2\text{mVrms}$ 5Hz ~ 1MHz								
Recovery Time	1A								
<b>METER</b>									
Digital	3 Digits 0.5" LED Display								
Accuracy	GPS-4303/3303 Out ON Accuracy $\pm$ (0.5% of rdg + 2 digits) GPS-4303/3303 Out OFF Accuracy $\pm$ (0.5% of rdg + 8 digits)								

	GPS-2303 Accuracy $\pm$ (0.5% of rdg + 2 digits)
INSULATION	
Chassis and Terminal	$\geq$ DC 500V / 20M $\Omega$
Chassis and AC Cord	$\geq$ DC 500V / 30M $\Omega$
POWER SOURCE	
	AC 100V/120V/220V $\pm$ 10%, 230V(+10% ~ -6%), 50/60Hz
DIMENSIONS & WEIGHT	
	255(W) x 145(H) x 265(D)mm, Approx. 7kg