

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	
DC OUTPUT									
	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
CONSTANT VOLTAGE OPERATION (CH1, CH2)									
Line Regulation	≤ 0.01% + 3mV								
Load Regulation	≤ 0.01% + 3mV (rating current ≤ 3A) ≤ 0.02% + 5mV (rating current >3A)								
Ripple & Noise	≤ 1mVrms 5Hz ~ 1MHz								
Recovery Time	≤ 100μS (50% Load change, Minimum load 0.5A)								
CONSTANT CURRENT OPERATION (CH1, CH2)									
Line Regulation	≤ 0.2% + 3mA								
Load Regulation	≤ 0.2% + 3mA								
Ripple Current	≤ 3mArms								
TRACKING OPERATION (CH1, CH2)									
Tracking Error	≤ 0.5% + 10mV of CH1								
Series Regulation	≤ 0.01% + 5mV								
Load Regulation	≤ 300mV								
Ripple & Noise	≤ 2mVrms, 5Hz ~ 1MHz								
CH3 OPERATION (for GPS-3303/4303)									
CH3 Voltage	2.2V ~ 5.2V								
Line Regulation	≤ 5mV								
Load Regulation	≤ 15mV								
Ripple & Noise	≤ 2mVrms 5Hz ~ 1MHz								
Current Output	1A								
CH4 OPERATION (for GPS-4303)									
CH4 VOLTAGE	8V ~ 5V								
Line Regulation	≤ 5mV								
Load Regulation	≤ 10mV								
Ripple & Noise	≤ 2mVrms 5Hz ~ 1MHz								
Recovery Time	1A								
METER									
Digital	3 Digits 0.5" LED Display								
Accuracy	GPS-4303/3303 Out ON Accuracy ± (0.5% of rdg + 2 digits) GPS-4303/3303 Out OFF Accuracy ± (0.5% of rdg + 8 digits)								

	GPS-2303 Accuracy \pm (0.5% of rdg + 2 digits)
INSULATION	
Chassis and Terminal	\geq DC 500V / 20M Ω
Chassis and AC Cord	\geq DC 500V / 30M Ω
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