

# Bench DC Power Supplies

**GW INSTEK**

## GPS Multi Output Series

- GPS-x303 Series:-  
2, 3 & 4 Output, 30V, 3A.



		GPS-4303				GPS-4251				GPS-3303			GPS-2303		
		CH1	CH2	CH3	CH4	CH1	CH2	CH3	CH4	CH1	CH2	CH3	CH1	CH2	
<b>Output Mode</b>	Voltage	0 ~ 30V	2.2 ~ 5.2V	8 ~ 15V		0 ~ 25V	3 ~ 6V	8 ~ 15V		0 ~ 30V	5V Fixed		0 ~ 30V		
	Current	0 ~ 3A	1A Max	1A Max		0 ~ 0.5A	2.5A Max	1A Max		0 ~ 3A	3A Max		0 ~ 3A		
	Tracking Series Voltage	0 ~ 60V		N/A		0 ~ 50V		N/A		0 ~ 60V		N/A		0 ~ 60V	
	Tracking Parallel Current	0 ~ 6A		N/A		0 ~ 1A		N/A		0 ~ 6A		N/A		0 ~ 6A	
<b>Constant Voltage Operation (CH1, CH2)</b>	Line Regulation	$\leq 0.01\% + 3mV$ $\leq 0.01\% + 3mV$ (Rating Current $\leq 3A$ ) $\leq 0.02\% + 5mV$ (Rating Current $>3A$ ) $\leq 1mV_{rms}$ , 5Hz ~ 1MHz $\leq 100\mu S$ (50% Load Change, Minimum Load 0.5A)													
	Load Regulation														
<b>Constant Current Op. (CH1, CH2)</b>	Ripple & Noise	$\leq 0.2\% + 3mA$ $\leq 0.2\% + 3mA$ $\leq 3mArms$													
	Recovery Time														
<b>Tracking Operation (CH1, CH2)</b>	Tracking Error	$\leq 0.5\% + 10mV$ of the CH1 $\leq 300mV$ $\leq 0.01\% + 3mV$ $\leq 2mV_{rms}$ , 5Hz ~ 1MHz													
	Series Regulation														
<b>CH3</b>	Line Regulation	$\leq 5mV$ $\leq 15mV$ $\leq 2mV_{rms}$ , 5Hz ~ 1MHz										N/A			
	Load Regulation														
<b>CH4</b>	Ripple & Noise	1A		2.5A		3A		N/A		N/A		N/A			
	Current Output														
<b>Meter</b>	Line Regulation	3 Digits 0.5" LED Display GPS-4303 / 4251 / 3303 Out ON Accuracy ( $\pm 0.5\%$ Rdg + 2 Digits) GPS-4303 / 4251 / 3303 Out OFF Accuracy ( $\pm 0.5\%$ Rdg + 8 Digits) GPS-2303, Accuracy ( $\pm 0.5\%$ Rdg + 2 Digits)													
	Load Regulation														
<b>Insulation</b>	Ripple & Noise	$\geq DC 500V / 20M\Omega$ $\geq DC 500V / 30M\Omega$													
	Recovery Time														
<b>Power Source</b>	Chassis & Terminal	AC 100V / 120V / 220V ( $\pm 10\%$ ) / 230V ( $+10\% \sim -6\%$ ), 50/60Hz													
<b>Accessories</b>	Chassis & AC Cord	Power Cord x 1, Instruction Manual x 1 GPS 4303: Test Lead GTL-203 x 2 & GTL-204 x 2 GPS-4251: Test Lead GTL-203 x 4 GPS-3303: Test Lead GTL-203 x 1 & GTL-204 x 2 GPS-2303: Test Lead GTL-204 x 2													
<b>Dimensions</b>		255mm (W) x 145mm (H) x 265mm (D)													
<b>Weight</b>		7kg				6.3kg				7kg			7kg		
<b>ORDERING INFORMATION</b>															
GPS-4303	4 Channels, 200W DC Power Supply.				GPS-4251	4 Channels, 55W DC Power Supply.									
GPS-3303	3 Channels, 195W DC Power Supply.				GPS-2303	2 Channels, 180W DC Power Supply.									