

GPS Series Multi-Output DC Power Supplies

Part Nos. 01GPS2303, 01GPS3303, 01GPS4303

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GPS - 2303/3303/4303 SPECIFICATIONS

OUTPUT MODE	Voltage Current Tracking Series Voltage Tracking Parallel Current	GPS-4303				GPS-3303			GPS-2303	
		CH1	CH2	CH3	CH4	CH1	CH2	CH3	CH1	CH2
		0 ~ 30V	2.2 ~ 5.2V	8 ~ 15V		0 ~ 30V	5V Fixed		0 ~ 30V	
		0 ~ 3A	1A Fixed	1A Fixed		0 ~ 3A	3A Fixed		0 ~ 3A	
		0 ~ 60V	----			0 ~ 60V	----		0 ~ 60V	
		0 ~ 6A				0 ~ 6A			0 ~ 6A	
CONSTANT VOLTAGE OPERATION (CH1, CH2)	Line Regulation Load Regulation Ripple & Noise Recovery Time	$\leq 0.01\% + 3\text{mV}$ $\leq 0.01\% + 3\text{mV}$ (rating current $\leq 3\text{A}$) $\leq 0.02\% + 5\text{mV}$ (rating current $> 3\text{A}$) $\leq 1\text{mVrms}$, 5Hz ~ 1MHz $\leq 100\mu\text{S}$ (50% Load change, Minimum load 0.5A)								
CONSTANT CURRENT OPERATION (CH1, CH2)	Line Regulation Load Regulation Ripple & Noise	$\leq 0.2\% + 3\text{mA}$ $\leq 0.2\% + 3\text{mA}$ $\leq 3\text{mArms}$								
TRACKING OPERATION (CH1, CH2)	Tracking Error Series Regulation Load Regulation Ripple & Noise	$\leq 0.5\% + 10\text{mV}$ of the CH1 $\leq 300\text{mV}$ $\leq 0.01\% + 3\text{mV}$ $\leq 2\text{mVrms}$, 5Hz ~ 1MHz								
GPS-4303 2.2V ~ 5.2V OUTPUT (CH3) GPS-3303 5V FIX OUTPUT (CH3)	Line Regulation Load Regulation Ripple & Noise Voltage Accuracy Current Output	$\leq 5\text{mV}$ $\leq 15\text{mV}$ $\leq 2\text{mVrms}$, 5Hz ~ 1MHz $\pm 5\%$ rdg GPS-4303: 1A, GPS-3303: 3A								
GPS-4303 8V ~ 15V OUTPUT (CH4)	Line Regulation Load Regulation Ripple & Noise Voltage Accuracy Current Output	$\leq 5\text{mV}$ $\leq 10\text{mV}$ $\leq 2\text{mVrms}$, 5Hz ~ 1MHz $\pm 5\%$ rdg 1A								
METER	Digital	3 digits 0.5" LED display GPS-4303/3303 Out ON Accuracy $\pm (0.5\% \text{ rdg} + 2 \text{ digits})$ GPS-4303/3303 Out OFF Accuracy $\pm (0.5\% \text{ rdg} + 8 \text{ digits})$ GPS-2303 Accuracy $\pm (0.5\% \text{ rdg} + 2 \text{ digits})$								
INSULATION	Chassis and Terminal Chassis and AC Cord	$\geq \text{DC } 500\text{V} / 20\text{M}\Omega$ $\geq \text{DC } 500\text{V} / 30\text{M}\Omega$								
POWER SOURCE		AC 100V/120V/220V($\pm 10\%$)/230V($+10\%$ ~-6%), 50/60Hz								
ACCESSORIES		Power cord x 1, Instruction manual x 1 GPS-4303 : Test lead GTL-104 x 2, GTL-105 x 2 or GTL-203 x 2, GTL-204 x 2 GPS-3303 : Test lead GTL-104 x 2, GTL-105 x 1 or GTL-203 x 2, GTL-204 x 1 GPS-2303 : Test lead GTL-104 x 2 or GTL-203 x 2								
DIMENSIONS & WEIGHT		255(W) x 145(H) x 265(D) mm, Approx. 7 kg								