

Insteek GPS-3303 Multi-Output D.C. POWER SUPPLY



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(4 outputs Shown)

GPS-3303

FEATURES:

- 3 Independent DC Output
- Four LED Display with 3 digits, selectable for two sets output voltage and current display simultaneously
- Auto Series, Parallel and Tracking Operation
- Constant Voltage and Constant Current Operation
- Low Ripple and Noise
- Overload and Reverse Polarity Protection
- Selectable for Continuous/Dynamic Load
- Output Enable/Disable Control
- Rotation speed of the fan is controlled by heatsink temperature
- Jack Type Terminal for Europe (Option)

勝特力材料 886-3-5753170
胜特力电子(上海) 86-21-54151736
胜特力电子(深圳) 86-755-83298787

[Http://www.100y.com.tw](http://www.100y.com.tw)

SPECIFICATIONS

OUTPUT

MODE	GPS-4303				GPS-3303			GPS-2303	
	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 Fixed	1A Fixed		0 ~ 3A	3A Fixed		0 ~ 3A	
Tracking Series Voltage	0 ~ 60V				0 ~ 60V			0 ~ 60V	
Tracking Parallel Current	0 ~ 6A				0 ~ 6A			0 ~ 6A	

CONSTANT VOLTAGE OPERATION (CH1, CH2)	Line Regulation	$\leq 0.01\% + 3mV$
	Load Regulation	$\leq 0.01\% + 3mV$ (rating current $\leq 3A$)
		$\leq 0.02\% + 5mV$ (rating current $> 3A$)
	Ripple & Noise	$\leq 1mVrms$ 5Hz ~ 1MHz
	Recovery Time	$\leq 100\mu s$ (50% Load change, Minimum load 0.5A)

CONSTANT CURRENT OPERATION CH2)	Line Regulation	$\leq 0.2\% + 3mA$
	Load Regulation	$\leq 0.2\% + 3mA$
	Ripple & Noise	$\leq 3mA rms$

TRACKING OPERATION (CH1, CH2)	Tracking Error	$\leq 0.5\% + 3\text{mV}$ of the Master
	Series Regulation	$\leq 300\text{mV}$
	Load Regulation	$\leq 0.01\% + 3\text{mV}$
	Ripple & Noise	$\leq 2\text{mVrms}$ 5Hz ~ 1MHz
GSP-4303/4302 2.2V ~ 5.2V OUTPUT (CH3)	Line Regulation	$\leq 5\text{mV}$
	Load Regulation	$\leq 15\text{mV}$
	Ripple & Noise	$\leq 2\text{mVrms}$, 5Hz ~ 1MHz
GPS-3303 5V FIX OUTPUT (CH3)	Voltage Accuracy	$\pm 5\%$ rdg
	Current Output	GPS-4303/4302:3A, GPS-3303:1A
GSP-4303/4302 8V ~ 15V OUTPUT (CH4)	Line Regulation	$\leq 5\text{mV}$
	Load Regulation	$\leq 10\text{mV}$
	Ripple & Noise	$\leq 2\text{mVrms}$, 5Hz ~ 1MHz
	Voltage Accuracy	$\pm 5\%$ rdg
	Current Output	1A
METER	Digital	3 digits 0.5" LED display GPS-4303/4302/3303 Out ON Accuracy $\pm(5\% \text{ rdg} + 2 \text{ digits})$ GPS-4303/4302/3303 Out OFF Accuracy $\pm(5\% \text{ rdg} + 8 \text{ digits})$ GPS-2303 Accuracy $\pm (0.5\% \text{ rdg} + 2 \text{ digits})$
INSULATION	Chassis and Terminal	$\geq \text{DC } 500\text{V} / 20\text{M}\Omega$
	Chassis and AC Cord	$\geq \text{DC } 500\text{V} / 30\text{M}\Omega$
POWER SOURCE	AC 100V/120V/220V/240V $\pm 10\%$, 50/60Hz	
ACCESSORIES	Instruction manual x 1, Power cord x 1, GPS-4303/4302: 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 3 or GTL-203 x 3 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	

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