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Find the *Instek GPS-4303* at our website: *Click HERE*

Multi-Output D.C. Power Supply

Patent No: ZL 02 3 35264 . 7



CE

FEATURES

* 2, 3 and 4 Independent Isolated Output
* Four "3 Digits" LED Displays
* 0.01% Load and Line Regulation
* Low Ripple and Noise
* Tracking Operation and Auto Series/Parallel Operation
* Output ON/OFF Switch
* Output Voltage and Current Setting When Output Disable
* Fan Speed Control Circuit to Minimize Fan Noise
* Over Load and Reverse Polarity Protection
* Optional European Jack Type Terminal

GPS-2303/3303/4251/4303

SPECIFICATIONS

		GPS-4303				GPS-4251				GPS-3303			GPS-2303	
		CH1	CH2	CH3	CH4	CH1	CH2	CH3	CH4	CH1	CH2	CH3	CH1	CH2
OUTPUT MODE	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		----		0 ~ 50V		----		0 ~ 60V		----	0 ~ 60V	
	Tracking Parallel Current	0 ~ 6A				0 ~ 1A				0 ~ 6A			0 ~ 6A	
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 & Noise	≤ 3mArms												
TRACKING OPERATION (CH1, CH2)	Tracking Error	≤ 0.5% + 10mV of the CH1												
	Series Regulation	≤ 300mV												
	Load Regulation	≤ 0.01% + 3mV												
	Ripple & Noise	≤ 2mVrms , 5Hz ~ 1MHz												
GPS-4303 2.2V ~ 5.2V OUTPUT (CH3) GPS-3303 5V FIX OUTPUT (CH3) GPS-4251 3V~6V OUTPUT(CH3)	Line Regulation	≤ 5mV												
	Load Regulation	≤ 15mV												
	Ripple & Noise	≤ 2mVrms, 5Hz ~ 1MHz												
	Current Output	GPS-4303: 1A, GPS-3303: 3A, GPS-4251: 2.5A												
GPS-4303 8V ~ 15V OUTPUT (CH4) GPS-4251 8V~15V OUTPUT (CH4)	Line Regulation	≤ 5mV												
	Load Regulation	≤ 10mV												
	Ripple & Noise	≤ 2mVrms, 5Hz ~ 1MHz												
	Current Output	1A												
METER	Digital	3 digits 0.5" LED display GPS-4303/4251/3303 Out ON Accuracy ± (0.5% rdg + 2 digits) GPS-4303/4251/3303 Out OFF Accuracy ± (0.5% rdg + 8 digits) GPS-2303 Accuracy ± (0.5% rdg + 2 digits)												
INSULATION	Chassis and Terminal	≥ DC 500V / 20MΩ												
	Chassis and AC Cord	≥ DC 500V / 30MΩ												
POWER SOURCE		AC 100V/120V/220V(±10%)/230V(+10%~-6%), 50/60Hz												
ACCESSORIES		Instruction manual x 1, Power cord x 1, GPS-4303:Test lead GTL-104 x 2,GTL-105 x 2 ; European test lead GTL-203 x 2,GTL-204 x 2 GPS-4251:Test lead GTL-105 x 4 ; European test lead GTL-203 x 4 GPS-3303:Test lead GTL-104 x 2,GTL-105 x 1 ; European test lead GTL-203 x 1,GTL-204 x 2 GPS-2303:Test lead GTL-104 x 2 ; European test lead GTL-204 x 2												
DIMENSIONS & WEIGHT		255(W) x 145(H) x 265(D) mm, Approx. 7 kg (GPS-4303/3303/2303) ; Approx. 6.3kg (GPS-4251)												

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ORDERING INFORMATION

GPS-4303 4-channels, 200W D.C. Power Supply
GPS-4251 4-channels, 55W D.C. Power Supply
GPS-3303 3-channels, 195W D.C. Power Supply
GPS-2303 2-channels, 180W D.C. Power Supply

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