

Multi-Output D.C. Power Supply

NEW



Patent No: ZL 02 3 35264 . 7



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
- * European Jack Type Terminal (Option)

GPS-2303/3303/4251/4303

SPECIFICATIONS

OUTPUT MODE	Voltage	GPS-4303				GPS-4251				GPS-3303			GPS-2303	
		CH1	CH2	CH3	CH4	CH1	CH2	CH3	CH4	CH1	CH2	CH3	CH1	CH2
	Current	0 ~ 30V	2.2~5.2V	8~15V	0~25V	3~6V	8~15V	0~30V	5V Fixed	0~30V		0~30V		
	Tracking Series Voltage	0~3A	1A Max.	1A Max.	0~0.5A	2.5A Max.	1A Max.	0~3A	3A Max.	0~3A		0~3A		
	Tracking Parallel Current	0~60V	----		0~50V	----		0~60V	----		0~60V	----		
		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)	Line Regulation	≤ 5mV												
GPS-3303 5V FIX OUTPUT (CH3)	Load Regulation	≤ 15mV												
GPS-4251 3V~6V OUTPUT(CH3)	Ripple & Noise	≤ 2mVrms, 5Hz ~ 1MHz												
	Current Output	GPS-4303: 1A, GPS-3303: 3A, GPS-4251: 2.5A												
GPS-4303 8V ~ 15V OUTPUT (CH4)	Line Regulation	≤ 5mV												
GPS-4251 8V~15V OUTPUT (CH4)	Load Regulation	≤ 10mV												
	Ripple & Noise	≤ 2mVrms, 5Hz ~ 1MHz												
	Current Output	1A												
METER	Digital	3 digits 0.5" LED display GPS-4303/3303 Out ON Accuracy ± (0.5% rdg + 2 digits) GPS-4303/3303 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		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-4251 : Test lead GTL-105 x 4 or GTL-203 x 2 GPS-3303 : Test lead GTL-104 x 2, GTL-105 x 1 or GTL-203 x 1, GTL-204 x 2 GPS-2303 : Test lead GTL-104 x 2 or 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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