

Multi-Output D.C. Power Supply

C1

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
- * Optional European Jack Type Terminal

GPS-2303/3303/4251/4303

SPECIFICATIONS															
OUTPUT MODE		GPS-4303				GPS-4251				GPS-3303			GPS-2303		
		CH1	CH2	CH3	CH4	CH1	CH2	CH3	CH4	CH1	CH2	CH3	CH1	CH2	
		0 ~ 30V		2.2 ~ 5.2V		8 ~ 15V		0 ~ 25V		3 ~ 6V		8 ~ 15V		0 ~ 30V	
		0 ~ 3A		1A Max.		1A Max.		0 ~ 0.5A		2.5A Max.		1A Max.		0 ~ 3A	
		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		≤ 100 μS (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-4303/4251/3303 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 Chassis and AC Cord		≥ DC 500V / 20M Ω ≥ DC 500V / 30M Ω											
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)											

Patent: ZL 02 3 35264.7

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

1.800.561.8187

www.itm.com

information@itm.com