

# 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		
<b>CONSTANT VOLTAGE OPERATION (CH1, CH2)</b>	<b>Line Regulation</b>	≤ 0.01% + 3mV												
	<b>Load Regulation</b>	≤ 0.01% + 3mV (rating current ≤ 3A) ≤ 0.02% + 5mV (rating current > 3A)												
	<b>Ripple &amp; Noise</b>	≤ 1mVrms, 5Hz ~ 1MHz												
	<b>Recovery Time</b>	≤ 100μS (50% Load change, Minimum load 0.5A)												
<b>CONSTANT CURRENT OPERATION (CH1, CH2)</b>	<b>Line Regulation</b>	≤ 0.2% + 3mA												
	<b>Load Regulation</b>	≤ 0.2% + 3mA												
	<b>Ripple &amp; Noise</b>	≤ 3mArms												
<b>TRACKING OPERATION (CH1, CH2)</b>	<b>Tracking Error</b>	≤ 0.5% + 10mV of the CH1												
	<b>Series Regulation</b>	≤ 300mV												
	<b>Load Regulation</b>	≤ 0.01% + 3mV												
	<b>Ripple &amp; Noise</b>	≤ 2mVrms, 5Hz ~ 1MHz												
<b>GPS-4303 2.2V ~ 5.2V OUTPUT (CH3)</b>	<b>Line Regulation</b>	≤ 5mV												
<b>GPS-3303 5V FIX OUTPUT (CH3)</b>	<b>Load Regulation</b>	≤ 15mV												
<b>GPS-4251 3V~6V OUTPUT(CH3)</b>	<b>Ripple &amp; Noise</b>	≤ 2mVrms, 5Hz ~ 1MHz												
	<b>Current Output</b>	GPS-4303: 1A, GPS-3303: 3A, GPS-4251: 2.5A												
<b>GPS-4303 8V ~ 15V OUTPUT (CH4)</b>	<b>Line Regulation</b>	≤ 5mV												
<b>GPS-4251 8V~15V OUTPUT (CH4)</b>	<b>Load Regulation</b>	≤ 10mV												
	<b>Ripple &amp; Noise</b>	≤ 2mVrms, 5Hz ~ 1MHz												
	<b>Current Output</b>	1A												
<b>METER</b>	<b>Digital</b>	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)												
<b>INSULATION</b>	<b>Chassis and Terminal</b>	≥ DC 500V / 20MΩ												
	<b>Chassis and AC Cord</b>	≥ DC 500V / 30MΩ												
<b>POWER SOURCE</b>		AC 100V/120V/220V(±10%)/230V(+10%~-6%), 50/60Hz												
<b>ACCESSORIES</b>		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												
<b>DIMENSIONS &amp; WEIGHT</b>		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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