



4 LED display Sets: 3 digits after decimal point

Minimum Resolution :

1mV/1mA(GPD-2303S/GPD-3303S/GPD-4303S),

100mV/10mA(GPD-3303D)

Digital panel control(rotary encoder Switch,rubber key with indicator)

User-friendly operation, coarse/fine volume control

4 set save/recall

Key-lock

Output on/off

Tracking Series and Parallel mode

Smart cooling fan achieving low noise

USB Standard Interface

PC software & USB Driver

Labview driver

安規



■ 產品敘述

■ 產品規格

	GPD-4303S				GPD-3303S			GPD-2303S		GPD-3303D		
OUTPUT												
Channel	CH1	CH2	CH3	CH4	CH1	CH2	CH3	CH1	CH2	CH1	CH2	CH3
Voltage	0~30V		0~5V / 5.001~10V	0~5V	0~30V		2.5V/ 3.5 / 5.0V	0~30V		0~30V		2.5V/ 3.5 / 5.0V
Current	0~3A		0~3A / 0~1A	0~1A	0~3A		0~3A	0~3A		0~3A		0~3A
CONSTANT VOLTAGE OPERATION												
Regulation	Line Regulation $\leq$ 0.01%+3mV											
	Load Regulation $\leq$ 0.01%+3mV(rating current $\leq$ 3A)											
	$\leq$ 0.02%+5mV(rating current>3A)											
Ripple	$\leq$ 1mVrms(5Hz~1MHz)											
Noise	$\leq$ 10mVpp(5Hz~1MHz)											
Recover Time	$\leq$ 100 μ S(50% Load Change, Minimum Load 0.5A)											
Temp. Coefficient	$\leq$ 300ppm / $^{\circ}$ C											

Output Range	0 to rating current continuously adjustable	
CONSTANT CURRENT OPERATION		
Regulation	Line Regulation $\leq 0.2\%+3\text{mA}$	
	Load Regulation $\leq 0.2\%+3\text{mA}$	
Ripple Current	$\leq 3\text{mArms}$	
Output Range	0 to rating current continuously adjustable	
TRACKING OPERATION		
Regulation of PAR	Line Regulation $\leq 0.01\%+3\text{mV}$	
	Load Regulation $\leq 0.01\%+3\text{mV}$ (rating current $\leq 3\text{A}$)	
	$\leq 0.02\%+5\text{mV}$ (rating current $>3\text{A}$)	
Regulation os SER	Line Regulation $\leq 0.01\%+5\text{mV}$	
	Load Resulation $\leq 100\text{mV}$	
	Tracking Error $\leq 0.5\%\pm 10\text{mV}$ (10V~30V no load)	
	with load added $\leq 300\text{mV}$	
	$\leq 0.5\%\pm 30\text{mV}$ (0V~9.99V no load)	
	with load added $\leq 300\text{mV}$	
Tracking Error	$\leq 0.1\%+10\text{mV}$ of Master(0~30V)(No Load, with load add load regulation $\leq 100\text{mV}$)	
METER		
Display	Voltage:4 3/4 digits 0.4" LED Display	Voltage:2 3/4 digits 0.4" LED Display
	Current:3 3/4 digits 0.4" LED Display	Current:2 3/4 digits 0.4" LED Display
Resolution	Voltage:1mV	Voltage:100mV
	Current:1mA	Current:10mA
Program Accuracy(25 $\pm 5^{\circ}\text{C}$)	Voltage: $\pm (0.03\%$ of RDG+ 10 digits)	Voltage: $\pm (0.5\%$ of RDG+ 2 digits)
	Current: $\pm (0.3\%$ of RDG + 10 digits)	Current: $\pm (0.5\%$ of RDG+ 2 digits)
Readback Accuracy (25 $\pm 5^{\circ}\text{C}$)	Voltage: $\pm (0.03\%$ of RDG+ 10 digits)	Voltage: $\pm (0.5\%$ of RDG+ 2 digits)
	Current: $\pm (0.3\%$ of RDG + 10 digits)	Current: $\pm (0.5\%$ of RDG+ 2 digits)
CH3 SPECIFICATIONS		
Output Voltage	(2.5V/3.3V/5.0V) $\pm 8\%$	
Output Current	3A	
Regulation(25 $\pm 5^{\circ}\text{C}$)	Line Regulation $\leq 5\text{mV}$	
	Load Regulation $\leq 15\text{mV}$	
Ripple & Noise	$\leq 2\text{mVrms}$	
KEY LOCK		
Yes		
MEMORY SAVE / RECALL		
4 Sets		
POWER SOURCE		
AC 100V/120V/220V/230V $\pm 10\%$,50/60Hz		
DIMENSION & WEIGHT		
210(W) x 130(H) x 265(D) mm, Approx .7 kg		

I 配件

User Manual X 1, Power Cord X 1

GPD-2303S : Test Lead GTL-104A x 2 ; European Test Lead GTL-204A x 2, GTL-201A x 1

GPD-3303S : Test Lead GTL-104A x 2, GTL-105A x 1 ; European Test Lead GTL-203A x 1, GTL-204A x 2, GTL-201A x 1

GPD-4303S : Test Lead GTL-104A x 2, GTL-105A x 2 ; European Test Lead GTL-203A x 2, GTL-204A x 2, GTL-201A x 1

GPD-3303D : Test Lead GTL-104A x 2, GTL-105A x 1 ; European Test Lead GTL-203A x 1, GTL-204A x 2, GTL-201A x 1

OPTIONAL ACCESSORIES

USB Cable

I 訂購資訊

GPD-2303S 2 Channels, 180W Programmable Linear DC Power Supply

GPD-3303S 3 Channels, 195W Programmable Linear DC Power Supply

GPD-4303S 4 Channels, 195W Programmable Linear DC Power Supply

GPD-3303D 3 Channels, 195W Programmable Linear DC Power Supply

GPD-3303D

PRINT



- 特点
- 三组独立输出: 30V/3A x 2, (2.5V/3.3V/5V)/3Ax 1
 - 4组LED显示: 小数点后3位
 - 最小解析度: 100mV/10mA
 - 面板数位化(采用Rotary Encoder Switch, Rubber带灯按键)
 - 友善的操作仿多圈VR调整, 具备粗调与细调的功能
 - 4组面板设定Save/Recall功能
 - Key-Lock功能
 - Warning Buzzer功能
 - Output ON/OFF功能
 - 自动串并联同步操作
 - 智能化温控风扇, 有效降低噪声
 - USB接口与PC通信

安规



产品描述

GPD-3303D系列是固纬电子新推出的数位式直流电源供应器, 承继了固纬电子在电源制造领域一贯的技术品质优势。数位的操作控制, 大屏幕加上高亮度的LED显示, 4组储存设定, 智能型风扇等显著优点不胜枚举、价格合理、操作简便, 多样的选择画面, 使GPD-3303D直流电源供应器成为电源市场上闪亮的新星。

规格表

规格		
	CH1, CH2	CH3
电压	0~30V	2.5V/3.3V/5V
电流	0~3A	3A Max.
串联电压	0~60V	---
并联电流	0~6A	---
定电压操作		
电源变动率	$\leq 0.01\% + 3mV$	
负载变动率	$\leq 0.01\% + 3mV$ (设定电流 $\leq 3A$)	
	$\leq 0.02\% + 5mV$ (设定电流 $> 3A$)	
涟波& 噪声	$\leq 1mV_{rms}$ 5Hz ~ 1MHz	
反应时间	$\leq 100 \mu S$ (50%的负载变动, 最小负载0.5A)	

温度系数	≤300ppm/ ° C
输出范围	0 至设定电压连续可调
定电流操作	
电源变动率	≤0.2% + 3mA
负载变动率	≤0.2% + 3mA
涟波电流	≤3mA _{rms}
输出范围	0 至设定电压连续可调
跟踪操作	
并联	电源变动率≤ 0.01% + 3mV 负载变动率≤ 0.01% + 3mV (设定电流≤3A) 负载变动率≤0.02% + 5mV (设定电流 >3A)
串联	电源变动率≤0.01% + 5mV 负载变动率≤300mV 跟踪错误≤ 0.5% ± 10mV (10 ~ 30V 空载) (带载≤300mV) 跟踪错误≤0.5% ± 30mV (0 ~ 9.99V空载) (带载≤300mV)
CH3 特征	
输出电压	2.5V/3.3V/5V ±8%
输出电流	3A
电源变动率(25±5 ° C)	≤5mV
负载变动率 (25±5 ° C)	≤15mV
涟波& 噪声	≤2mV _{rms}
测量	
显示	电压: 2 3/4 位 0.4" LED 显示 电流: 2 3/4 位 0.4" LED 显示
电压解析度	100 mV
电流解析度	10 mA
编程精度(25±5 ° C)	电压: ±(读值0.05% + 2 位) 电流: ±(读值0.05%+ 2 位)
回读精度(25±5 ° C)	电压: ±(读值0.05% + 2 位) 电流: ±(读值0.05% + 2 位)
键盘锁	有
存储/调出	4 组
电源	AC 100V/120V/220V/230V ±10%, 50/60Hz
附件	欧规测试线 GTL-203 x 1, GTL-204 x 2
尺寸 & 重量	210(W) x 130(H) x 265(D)mm, 约7kg

用户手册 X 1, 电源线X 1

测试线GTL-104*2 ; GTL-105*1

欧规测试线GTL-203*1;GTL-204*2

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■ 订购资讯

GPD-3303D 195W 三组输出可编程线性直流电源
