GPD-3303S/3303D

CE | USB | PC Software | LabVIEW Driver

The GPD-3303S/GPD-3303D Series inherits the superior technology and high quality which GW Instek has established through its long history of power supply design and manufacturing. The GPD-3303S and GPD-3303D series provide 195W output power, three isolated output channels, high resolution output (GPD-3303S), a digital control panel, 4 sets of setup memory, USB remote control, smart cooling fan control, high reliability, and a compact size. The GPD-3303S / GPD-3303D series establish a new benchmark for economical programmable linear D.C. power supplies. The most remarkable feature of this series is the minimum 1mV / 1mA resolution of the GPD-3303S. The high resolution of the GPD-3303S is ideal for any applications that need accurate control of power sources. Both power supplies feature a USB port, a digital panel and the same output and features, however the GPD-3303S has a larger LCD display at the expense of a slightly lower resolution.

FEATURES

* **Three Independent Output :**
  (30V/3A x 2),(2.5V/3.3V/5V)/3A x 1 (Fixed)
* **4 LED Display Sets : 3 Digits After Decimal Point**
* **Minimum Resolution :**
  1mV/1mA(GPD-3303S),100mV/10mA(GPD-3303D)
* **Digital Panel Control (Rotary Encoder Switch, Rubber Key With Indicator)**
* **User-Friendly Operation, Coarse/Fine Volume Control**
* **4 Sets Save/Recall**
* **Key-Lock**
* **Warning Buzzer**
* **Output ON/OFF**
* **Tracking Series and Parallel Mode**
* **Smart Cooling Fan Achieving Low Noise**
* **Compact Design**
* **PC Software & USB Driver**
* **USB Standard Interface**

SPECIFICATIONS	GPD-3303S	GPD-3303D
OUTPUT		
Voltage	0~30.0V x 2 , 2.5V/3.3V/5.0V x 1	
Current	0~3.0A x 2 , 3.0A (Fixed)	
CONSTANT VOLTAGE OPERATION		
Regulation	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 μ S (50%Load change, Minimum load 0.5A)	
Temp.Coefficient	≤300ppm / ℃	
Output Range	0 to rating voltage continuously adjustable	
CONSTANT CURRENT OPERATION		
Regulation	Line regulation≤ 0.2%+3mA	
	Load regulation≤ 0.2%+3mA	
Ripple Current	≤3mArms	
Output Range	0 to rating current continuously adjustable	
TRACKING OPERATION		
Regulation of PAR.	Line regulation ≤ 0.01%+3mV	
	Load regulation≤ 0.01%+3mV (rating current≤3A)	
	≤ 0.02%+5mV (rating current >3A)	
Regulation of SER.	Line regulation ≤ 0.01%+5mV	
	Load regulation≤ 300mV	
	Tracking error ≤ 0.5%±10mV (10 ~ 30V no load)	
	with load added ≤ 300mV)	
	≤ 0.5%±30mV (0 ~ 9.99V no load)	
	with load added ≤ 300mV)	
Tracking error	≤ 0.5% + 10mV	≤ 0.5% + 50mV
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±5℃)	Voltage : ±(0.03% of RDG +10 digits)	Voltage : ±(0.5% of RDG +2 digits)
	Current : ±(0.3% of RDG +10 digits)	Current : ±(0.5% of RDG +2 digits)
Readback accuracy(25±5℃)	Voltage : ±(0.03% of RDG +10 digits)	Voltage : ±(0.5% of RDG +2 digits)
	Current : ±(0.3% of RDG +10 digits)	Current : ±(0.5% of RDG +2 digits)
CH3 SPECIFICATIONS		
Output Voltage	(2.5V/3.3V/5V)±8%	
Output Current	3A	
Regulation(25±5℃)	Line regulation ≤5mV	
	Load regulation ≤15mV	
Repple & Noise	≤2mVrms	
KEY LOCK		
Yes		
MEMERY SAVE/RECALL		
4 sets		
POWER SOURCE		
AC100V/120V/220V/230V±10%, 50/60Hz		
DIMENSION & WEIGHT		
210(W) x 130 (H) x 265(D) mm ; Approx. 7kg		

POWER SUPPLIES

GPD-3303S

Rear Panel

ORDERING INFORMATION
GPD-3303S Multiple Output High Resolution Programmable Linear D.C. Power Supply
GPD-3303D Multiple Output Programmable Linear D.C. Power Supply
ACCESSORIES :
User Manual x 1
Power cord x1
Test lead GTL-104 x 2, GTL-105 x 1
European Test Lead GTL-203 x 1 , GTL-204 x 2
OPTIONAL ACCESSORIES
GTL-246 USB Cable
FREE DOWNLOAD
PC Software Driver PC Software including Data Log
Labview Driver

POWER SUPPLIES