



GPD-3303S/3303D



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

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.

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 μs (50% Load change, Minimum load 0.5A)	
Temp.Coefficient	≤ 300ppm / °C	
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 Current : 3 3/4 digits 0.4" LED Display	Voltage : 2 3/4 digits 0.4" LED Display Current : 2 3/4 digits 0.4" LED Display
Resolution	Voltage : 1mV Current : 1mA	Voltage : 100mV Current : 10mA
Program accuracy(25±5°C)	Voltage : ±(0.03% of RDG +10 digits) Current : ±(0.3% of RDG +10 digits)	Voltage : ±(0.5% of RDG +2 digits) Current : ±(0.5% of RDG +2 digits)
Readback accuracy(25±5°C)	Voltage : ±(0.03% of RDG +10 digits) Current : ±(0.3% of RDG +10 digits)	Voltage : ±(0.5% of RDG +2 digits) Current : ±(0.5% of RDG +2 digits)
CH3 SPECIFICATIONS		
Output Voltage	(2.5V/3.3V/5V)±8%	
Output Current	3A	
Regulation(25±5°C)	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		



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 x 1
- Test leadGTL-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** PC Software including Data Log
- Driver** Labview Driver