



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
<b>OUTPUT</b>		
<b>Voltage</b>	0~30.0V x 2 , 2.5V/3.3V/5.0V x 1	
<b>Current</b>	0~3.0A x 2 , 3.0A (Fixed)	
<b>CONSTANT VOLTAGE OPERATION</b>		
<b>Regulation</b>	Line regulation ≤ 0.01%+3mV Load regulation ≤ 0.01%+3mV (rating current ≤ 3A) ≤ 0.02%+5mV (rating current >3A)	
<b>Ripple &amp; Noise</b>	≤ 1mVrms (5Hz~1MHz)	
<b>Recovery Time</b>	≤ 100 μs (50% Load change, Minimum load 0.5A)	
<b>Temp.Coefficient</b>	≤ 300ppm / °C	
<b>Output Range</b>	0 to rating voltage continuously adjustable	
<b>CONSTANT CURRENT OPERATION</b>		
<b>Regulation</b>	Line regulation ≤ 0.2%+3mA Load regulation ≤ 0.2%+3mA	
<b>Ripple Current</b>	≤ 3mA rms	
<b>Output Range</b>	0 to rating current continuously adjustable	
<b>TRACKING OPERATION</b>		
<b>Regulation of PAR.</b>	Line regulation ≤ 0.01%+3mV Load regulation ≤ 0.01%+3mV (rating current ≤ 3A) ≤ 0.02%+5mV (rating current >3A)	
<b>Regulation of SER.</b>	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	
<b>Tracking error</b>	≤ 0.5% + 10mV	≤ 0.5% + 50mV
<b>METER</b>		
<b>Display</b>	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
<b>Resolution</b>	Voltage : 1mV Current : 1mA	Voltage : 100mV Current : 10mA
<b>Program accuracy(25±5°C )</b>	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)
<b>Readback accuracy(25±5°C )</b>	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)
<b>CH3 SPECIFICATIONS</b>		
<b>Output Voltage</b>	(2.5V/3.3V/5V)±8%	
<b>Output Current</b>	3A	
<b>Regulation(25±5°C )</b>	Line regulation ≤ 5mV Load regulation ≤ 15mV	
<b>Repple &amp; Noise</b>	≤ 2mVrms	
<b>KEY LOCK</b>		
Yes		
<b>MEMERY SAVE/RECALL</b>		
4 sets		
<b>POWER SOURCE</b>		
AC100V/120V/220V/230V±10%, 50/60Hz		
<b>DIMENSION &amp; WEIGHT</b>		
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