



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 $\leq 0.01\%+3mV$ Load regulation $\leq 0.01\%+3mV$ (rating current $\leq 3A$) $\leq 0.02\%+5mV$ (rating current $>3A$)	
Ripple & Noise	$\leq 1mV_{rms}$ (5Hz~1MHz)	
Recovery Time	$\leq 100 \mu s$ (50%Load change, Minimum load 0.5A)	
Temp.Coefficient	$\leq 300ppm / ^\circ C$	
Output Range	0 to rating voltage continuously adjustable	
CONSTANT CURRENT OPERATION		
Regulation	Line regulation $\leq 0.2\%+3mA$ Load regulation $\leq 0.2\%+3mA$	
Ripple Current	$\leq 3mA_{rms}$	
Output Range	0 to rating current continuously adjustable	
TRACKING OPERATION		
Regulation of PAR.	Line regulation $\leq 0.01\%+3mV$ Load regulation $\leq 0.01\%+3mV$ (rating current $\leq 3A$) $\leq 0.02\%+5mV$ (rating current $>3A$)	
Regulation of SER.	Line regulation $\leq 0.01\%+5mV$ Load regulation $\leq 300mV$ Tracking error $\leq 0.5\%\pm 10mV$ (10 ~ 30V no load) with load added $\leq 300mV$ $\leq 0.5\%\pm 30mV$ (0 ~ 9.99V no load) with load added $\leq 300mV$	
Tracking error	$\leq 0.5\% + 10mV$	$\leq 0.5\% + 50mV$
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 $\pm 5^\circ C$)	Voltage : $\pm(0.03\%$ of RDG +10 digits) Current : $\pm(0.3\%$ of RDG +10 digits)	Voltage : $\pm(0.5\%$ of RDG +2 digits) Current : $\pm(0.5\%$ of RDG +2 digits)
Readback accuracy(25 $\pm 5^\circ C$)	Voltage : $\pm(0.03\%$ of RDG +10 digits) Current : $\pm(0.3\%$ of RDG +10 digits)	Voltage : $\pm(0.5\%$ of RDG +2 digits) Current : $\pm(0.5\%$ of RDG +2 digits)
CH3 SPECIFICATIONS		
Output Voltage	(2.5V/3.3V/5V) $\pm 8\%$	
Output Current	3A	
Regulation(25 $\pm 5^\circ C$)	Line regulation $\leq 5mV$ Load regulation $\leq 15mV$	
Repple & Noise	$\leq 2mV_{rms}$	
KEY LOCK		
Yes		
MEMERY SAVE/RECALL		
4 sets		
POWER SOURCE		
AC100V/120V/220V/230V $\pm 10\%$, 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 x1

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