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MULTIPLE OUTPUT PROGRAMMABLE LINEAR D.C. POWER SUPPLY

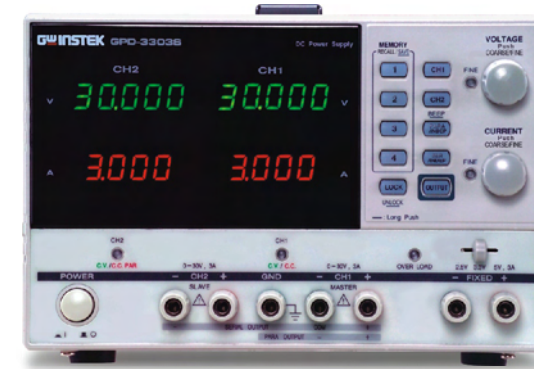


NEW

GPD-3303S/3303D



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 / GPD-3303D series provides 195W output power, three isolated output channels, high resolution output (GPD-3303S), digital control panel, 4 sets of setup memory, USB remote control, smart cooling fan control, high reliability, and compact size. The GPD-3303S / GPD-3303D establish a new benchmark for economic programmable linear D.C. power supply market segment. The most remarkable feature of this series product with minimum 1mV / 1mA resolution of GPD-3303S, which right fits into the applications needing accurate control of power source. GPD-3303D, another member of the family, is considered a digitally-upgraded version of GPS-3303. Besides the same power output features and the common specifications of GPS-3303, that GPD-3303S / GPD-3303D has a bigger display for Voltage and Current readings, a digital panel, and a USB port, which lifts up the product to a programmable device at a little additional cost.



GPD-3303S

Rear Panel



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

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		$\leq 1mVrms$ (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 $\leq 15mV$	
Reple & Noise		$\leq 2mVrms$	
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			

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 x1
 - 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

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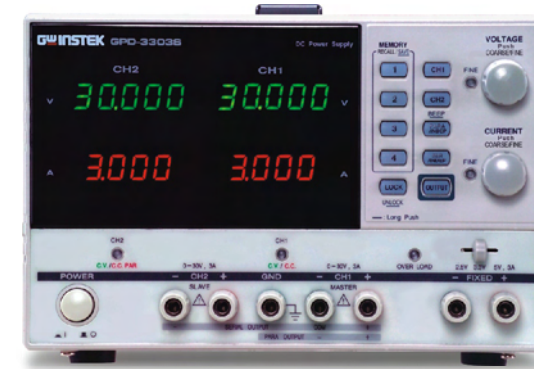


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Ripple & Noise		$\leq 1mVrms$ (5Hz-1MHz)	
Recovery Time		$\leq 100\mu s$ (50% Load change, Minimum load 0.5A)	
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Regulation		Line regulation $\leq 0.2\%+3mA$ Load regulation $\leq 0.2\%+3mA$	
Ripple Current		$\leq 3mA_{rms}$	
Output Range		0 to rating current continuously adjustable	
TRACKING OPERATION			
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