

# Bench DC Power Supplies

**GW INSTEK**



## GPD-3303S / GPD-3303D

- Three Independent, Isolated Outputs.
- CH1/CH2 Output: 30V, 3A  
CH3 Selectable Output: +2.5V / 3.3V / 5.0V, 3A Fixed.
- Series/Parallel Tracking Mode.
- High Resolution Display.
- Digital Panel Control.
- Output On/Off Function.
- USB Device for Remote Control.

		GPD-3303S	GPD-3303D
<b>Output Ratings</b>	Voltage Current	0~30V x 2, 2.5V/3.3V/5.0V x 1 0~3A x 2, 3.0A (Fixed)	
<b>Constant Voltage Operation</b>	Line Regulation Load Regulation Ripple & Noise Recovery Time Temperature Coefficient Output Range	$\leq 0.01\% + 3mV$ $\leq 0.01\% + 3mV$ (rating current <3A) $\leq 0.02\% + 5mV$ (rating current $\geq 3A$ ) $\leq 1mV_{rms}$ (5Hz~1MHz) $\leq 300ppm/^{\circ}C$ 0 to rating voltage continuously adjustable	
<b>Constant Current Operation</b>	Line Regulation Load Regulation Ripple Current Output Range	$\leq 0.2\% + 3mA$ $\leq 0.2\% + 3mA$ $\leq 3mA_{rms}$ 0 to rating current continuously adjustable	
<b>Tracking Operation</b>	Parallel Line Regulation Parallel Load Regulation  Series Line Regulation Series Load Regulation Tracking Error	$\leq 0.01\% + 3mV$ $\leq 0.01\% + 6mV$ (rating current <3A) $\leq 0.02\% + 6mV$ (rating current $\geq 3A$ ) $\leq 0.01\% + 5mV$ $\leq 300mV$ $\leq 0.5\% \pm 10mV$ (10~30V no load) (with load add regulation $\leq 300mV$ ) $\leq 0.5\% \pm 30mV$ (0~9.99V no load) (with load add regulation $\leq 300mV$ )	
<b>Meter</b>	Display Voltage Current  Resolution Voltage Current  Program Accuracy (25 $\pm$ 5 $^{\circ}C$ ) Readback Accuracy (25 $\pm$ 5 $^{\circ}C$ )	4 $\frac{3}{4}$ Digital LED Digits 3 $\frac{3}{4}$ Digital LED Digits 1mV 1mA	2 $\frac{3}{4}$ Digital LED Digits 2 $\frac{3}{4}$ Digital LED Digits 100mV 10mA  Current: 1mA Current: $\pm$ (0.3% RDG + 10 Digits) Voltage: $\pm$ (0.03% RDG + 10 Digits) Current: $\pm$ (0.3% RDG + 10 Digits)
<b>CH3 Specification</b>	Voltage Current Line Regulation (25 $\pm$ 5 $^{\circ}C$ ) Load Regulation (25 $\pm$ 5 $^{\circ}C$ ) Ripple & Noise	2.5V / 3.3V / 5.0V $\pm$ 8% 3A (Fixed) $\leq 5mV$ $\leq 15mV$ $\leq 2mV_{rms}$	
<b>Other</b>	Key Lock Function Interface Memory SAVE/RECALL Power Source Dimensions Weight Accessories	Yes USB 5 Sets (Inc. 4 Sets in Penal & 1 Resume Memory before Turn Off) AC 100V / 120V / 220V / 230V $\pm$ 10%, 50/60Hz 210mm (W) x 130mm (H) x 265mm (D) 7kg User Manual x 1, Test Lead x 3	
<b>ORDERING INFORMATION</b>			
GPD-3303S	195W Triple Output High Resolution Programmable Linear DC Power Supply		
GPD-3303D	195W Triple Output Programmable Linear DC Power Supply		