

# Programmable DC Power Supplies

**GW INSTEK**

## PPx Series



- PPE-3323: Triple Output, 32V, 3A.
- PPT-1830G: Triple Output, 18V, 3A.
- PPT-3615G: Triple Output, 36V, 1.5A.
- PPS-3635G: Single Output, 36V, 3.5A.

		PPE-3323	PPT-1830G	PPT-3615G	PPS-3635G
<b>Output</b>	Voltage	0~+32V, 0~-32V,3.3V/ 5V Fixed	0~18Vx2, 0~6Vx1	0~36Vx2, 0~6Vx1	0~36V
	Current	~+3A,0~-3A, 3A Fixed	0~3Ax2, 0~5Ax1	0~1.5Ax2, 0~3Ax1	0~3.5A
	OVP	0~+33V, 0~-33V, OLP	0~20Vx2, 0~7Vx1	0~38.5Vx2, 0~7Vx1	0~38.5V
<b>Load Effect</b>	Voltage Current	≤ 6mV ≤ 3mA	≤ 3mV Rear Output (≤ 6mV Front Output) ≤ 3mA (≤ 6mA, Rating Current > 3.5A)		
<b>Source Effect</b>	Voltage: ≤ 3mV    Current: ≤ 3mA				
<b>Resolution</b>	Voltage Current OVP	10mV (20mV Rating Voltage > 36V) 1mA (2mA Rating Current > 3.5A) 10mV (20mV Rating Voltage > 36V)			
<b>Program Accuracy (25+/-5°C)</b>	Voltage Current OVP	≤ 0.05% + 25mV (+ 50mV, Rating Voltage > 36V) ≤ 0.2% + 10mA ≤ 2% + 0.6V			
<b>Ripple &amp; Noise (20Hz~20MHz)</b>	Voltage Current	Ripple 1mVrms / 3mVp-p    Noise 2m Vrms / 30mVp-p ≤ 3mA rms (≤ 5mA rms rating current > 3.5A)			
<b>Temperature Coefficient (0-40°C)</b>	Voltage Current	≤ 100ppm + 3mV ≤ 150ppm + 3mA			
<b>Readback Resolution Accuracy (25+/-5°C)</b>	Voltage Current Voltage Current	10mV (20mV Rating Voltage > 36V) 1mA (2mA Rating Current > 3.5A) ≤ 0.05% + 25mV (+ 50mV Rating Voltage > 36V) ≤ 0.2% + 10mA			
<b>Response Time</b>	Voltage Up (10%~90%): ≤ 100mS    Voltage Down (90%~10%): ≤ 100mS				
<b>Readback Temperature Coefficient</b>	Voltage Current	≤ 100ppm + 10mV (+ 20mV Rating Voltage > 36V) ≤ 150ppm + 10mA			
<b>Drift</b>	Voltage: ≤ 0.03% + 6mV    Current: ≤ 0.1% + 6mA				
<b>Track Operation</b>	N/A		Tracking Error: ≤ 0.1% + 50mV    Series Regulation ≤ 50mV		
<b>Parallel Operation Program Accuracy</b>	Voltage Current OVP	0.05% + 25mV (+50mV Rating Voltage > 36V) 0.2% + 20mA 2% + 0.6V (25+/-5°C)			N/A
<b>Parallel Operation Load Effect</b>	Voltage Current	3mV Rear Output (6mV Front Output) 6mA (12mA Rating Current >3.5A)			
<b>Parallel Operation Source Effect</b>	Voltage: 3mV    Current: 6mA				
<b>Memory</b>	Store / Recall Points 0~99 (0~49 Points for PPT-Series & PPE-3323)				
<b>Timer</b>	Setting Time	1 sec ~ 255 minutes (Up to 255 minutes x 99 on PPS-Series, Up to 255 minutes x 49 on PPT-Series) 1 sec~99 minutes (Up to 99 minutes x 99 on PPE-1323, Up to 99 minutes x 49 on PPE-3323)			
	Resolution	1 Sec			
<b>Interface</b>	RS-232 Standard for PPE-Series; GPIB Standard for PPS/PPT-Series				
<b>Power Source</b>	AC 100V/120V / 220V / 240V ± 10%, 50/60Hz				
<b>Accessories</b>	Power Cord x 1, GTL-104 Test Lead - 1 or 3 subject to 1 or 3 outputs, Instruction Manual x 1				
<b>Dimensions &amp; Weight</b>	225(W) x 145(H) x 346(D) mm; Single Channel - 9.5kg, Triple Channel - 10kg				

### ORDERING INFORMATION

PPT-1830G	138W Triple Output Prog. DC Power Supply.	PE-3323	207W Triple Output Prog. DC Power Supply.
PPT-3615G	126W Triple Output Prog. DC Power Supply.	PPS-3635G	126W Single Output Prog. DC Power Supply.
GRA-401	Rack Mount Adaptor.		

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