

Programmable DC Power Supplies

GW INSTEK

PST-Series



- PST-3202: Triple Output, 32V, 2A x 2, 6V, 5A x 1.
- PST-3201: Triple Output, 32V, 1A x 3.
- GPIB Option Available.

		PST-3202	PST-3201
Output	Voltage Current OVP	0~32Vx2, 0~6Vx1 0~2Ax2, 0~5Ax1 0~33Vx2, 0~7Vx1	0~32Vx3 0~1Ax3 0~33Vx3
Load Effect	Voltage Current	≤ 3mV (≤ 5mV Rating Current > 3.0A) ≤ 3mA (≤ 5mA Rating Current > 3.0A)	
Source Effect	Voltage Current	≤ 3mV ≤ 3mA	
Resolution	Voltage Current OVP	10mV (20mV, Rating Voltage > 36V) 1mA (2mA, Rating Current > 3.0A) 10mV (20mV, Rating Voltage > 36V)	
Program Accuracy (25 ± 5°C)	Voltage Current OVP	≤ 0.05% + 20mV (+40mV, Rating Voltage > 36V) ≤ 0.1% + 5mA (+10mA, Rating Current > 3.0A) ≤ 0.05% + 20mV (+40mV, Rating Voltage > 36V)	
Ripple & Noise (20Hz ~ 20MHz)	Voltage Current	Ripple: 1mVrms/3mVp-p Noise: 2mVrms/30m Vp-p ≤ 3mA _{rms} (≤ 5mA _{rms} , Rating Current > 3.0A)	
Temperature Coefficient (0 ~ 40°C)	Voltage Current	≤ 100ppm + 3mV ≤ 100ppm + 3mA	
Readback Resolution	Voltage Current	10mV (20mV, Rating Voltage > 36V) 1mA (2mA, Rating Current > 3.0A)	
Readback Accuracy (25 ± 5°C)	Voltage Current	≤ 0.05%+10mV (+20mV, Rating Voltage > 36V) ≤ 0.1% + 5mA	
Readback Temperature Coefficient	Voltage Current	≤ 100ppm+10mV (+20mV, Rating Voltage > 36V) ≤ 100ppm+5mA (+10mA, Rating Current > 3.0A)	
Response Time	Voltage Up Voltage Down	10%~90% ≤ 100mS 90%~10% ≤ 100mS (≥ 10% Rating Load)	
Drift	Voltage Current	≤ 100ppm + 10mV (+20mV, Rating Voltage > 36V) ≤ 150ppm + 10mA	
Track Operation	Tracking Error Series (Load Effect)	0.1% + 20mV ≤ 20mV	
Parallel Operation	Program Accuracy (25 ± 5°C) Load Effect Source Effect	Voltage: ≤ 0.05% + 10mV (+20mV, Rating Voltage: >36V) Current: ≤ 0.1% + 10mA OVP: ≤ 0.05% + 10mV Voltage: ≤ 3mV (≤ 5mV, Rating Current: > 3.0A); Current: ≤ 6mA Voltage: ≤ 3mV; Current: ≤ 6mA	
Memory		Store/Recall Points 0~99	
Timer	Setting Time Resolution Function	0.1 sec ~ 99 minutes 59 sec (Up to 99 minutes 59 sec x 100) 0.1 sec Auto Step Running (For Output Working Loop)	
Interface		Standard: RS-232C; Option: GPIB (IEEE488.2)	
Power Source		AC 100V / 120V / 220V ± 10%, 230V (+ 10% / ~6%), 50/60Hz	
Accessories		Instruction Manual x 1, Power Cord x 1, Test Lead GTL-104 x 3 (PST-3202) or GTL-105 x 3 (PST-3201)	
Dimensions		230mm (W) x 140mm (H) x 380mm (D)	
Weight		10kg	

ORDERING INFORMATION

PST-3202	158W Triple Output Prog. DC Power Supply.	PST-3201	96W Triple Output Prog. DC Power Supply.
Option 01	GPIB Interface (Factory Installed).	GRA-407	Rack Mount Adaptor.



Tel: +44 (0)20 8868 1311 Fax: +44 (0)20 8866 6596
1-3 Kildare Close, Eastcote, Ruislip, Middlesex HA4 9UR