

Programmable DC Power Supplies

GW INSTEK

PSS-Series

- PSS-2005: Single Output, 20V ~ 5A.
- PSS-3203: Single Output, 32V ~ 3A.



		PSS-2005	PSS-3203
Output	Voltage Current OVP	0~20Vx1 0~5Ax1 0~21Vx1	0~32Vx1 0~3Ax1 0~33Vx1
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 1mA (2mA, Rating Current > 3.0A) 10mV	
Program Accuracy (25 ± 5°C)	Voltage Current OVP	≤ 0.05% + 20mV ≤ 0.1% + 5mA (+ 10mA, Rating Current > 3.0A) ≤ 0.05% + 20mV	
Ripple & Noise (20Hz ~ 20MHz)	Voltage Current	Ripple: 1mVrms/3mVp-p Noise: 2mVrms/30m Vp-p ≤ 3mArms (≤ 5mArms, Rating Current > 3.0A)	
Temperature Coefficient (0 ~ 40°C)	Voltage Current	≤ 100ppm + 3mV ≤ 100ppm + 3mV	
Readback Resolution	Voltage Current	10mV 1mA (2mA, Rating Current > 3.0A)	
Readback Accuracy (25 ± 5°C)	Voltage Current	≤ 0.05%+10mV ≤ 0.1% + 5mA	
Readback Temperature Coefficient	Voltage Current	≤ 100ppm+10mV ≤ 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 ≤ 150ppm + 10mA	
Interface		Standard: RS-232C; Option: GPIB (IEEE488.2) (Unable to install RS-232 & GPIB simultaneously)	
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 1 (PST-2005) or GTL-105 x 1 (PST-3203)	
Dimensions		108mm (W) x 140mm (H) x 315mm (D)	
Weight		4.8kg	

ORDERING INFORMATION

PSS-2005	100W Single Output Prog. DC Power Supply.	PSS-3203	96W Single Output Prog. DC Power Supply.
Option 01	GPIB Interface (Factory Installed).	GRA-403	Rack Mount Adaptor.