

Programmable D.C. Power Supply

NEW

CE

ETL LISTED US 116525



FEATURES :

- * Digitized Programmable Interface, High Resolution 10mV, 1mA
- * High Stability, Low Drift
- * Over-Voltage, Over-Current, Over Temperature Protection
- * Intelligent Fan Control (Change by Output Power)
- * Built-in Buzzer Alarm
- * Standard Interface: RS-232C
- * Jack Type Terminal for Europe (Option)
- * Option: GPIB (IEEE-488.2)

PSS-Series

(Note : Unable to install RS-232C and GPIB Simultaneously)

SPECIFICATIONS			
	MODEL	PSS-2005	PSS-3203
OUTPUT	Voltage	0~20Vx1	0~32Vx1
	Current	0~5Ax1	0~3Ax1
	OVP	0~21Vx1	0~33Vx1
LOAD EFFECT	Voltage	≤ 3mV (≤ 5mV, rating current >3.0A)	
	Current	≤ 3mA (≤ 5mA, rating current >3.0A)	
SOURCE EFFECT	Voltage	≤ 3mV	
	Current	≤ 3mA	
RESOLUTION	Voltage	10mV	
	Current	1mA (2mA, rating current >3.0A)	
	OVP	10mV	
PROGRAM ACCURACY (25 ± 5°C)	Voltage	≤ 0.05%+10mV	
	Current	≤ 0.1%+5mA (+10mA, rating current>3.0A)	
	OVP	≤ 0.05%+10mV	
RIPPLE & NOISE (20Hz~20MHz)	Voltage	Ripple : 1mVrms/3mVp-p Noise : 2mVrms/30mVp-p	
	Current	≤ 3mArms (≤ 5mArms, rating current >3.0A)	
TEMPERATURE COEFFICIENT (0 ~ 40°C)	Voltage	≤ 100ppm+3mV	
	Current	≤ 100ppm+3mA	
READBACK RESOLUTION	Voltage	10mV	
	Current	1mA (2mA, rating current >3.0A)	
READBACK ACCURACY (25 ± 5°C)	Voltage	≤ 0.05%+10mV	
	Current	≤ 0.1%+5mA	
READBACK TEMPERATURE COEFFICIENT	Voltage	≤ 100ppm+10mV	
	Current	≤ 100ppm+5mA (+10mA rating current >3.0A)	
RESPONSE TIME	Voltage Up	10%~90% ≤ 100mS	
	Voltage Down	90%~10% ≤ 100mS (±10% rating load)	
DRIFT	Voltage	≤ 100ppm+10mV	
	Current	≤ 150ppm+10mA	
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 1(PSS-2005) or GTL-105 x 1(PSS-3203)	
DIMENSIONS & WEIGHT		108(W) x 140(H) x 315(D) mm, Approx. 4.8kg	

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ISO-9001 & ISO-14001