

Programmable D.C. Power Supply

C6



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
- * Labview Driver
- * Standard Interface: RS-232C
- * Option: GPIB (IEEE-488.2)
- * Optional European Jack Type Terminal

PSS-Series

SPECIFICATIONS		
OUTPUT	PSS-2005	PSS-3203
Voltage	0~20V	0~32V
Current	0~5A	0~3A
OVP	0~21V	0~33V
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%+20mV	
Current	≦ 0.1%+5mA (+10mA, rating current>3.0A)	
OVP	≦ 0.05%+20mV	
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	
READBCK RESOLUTION		
Voltage	10mV	
Current	1mA (2mA, rating current >3.0A)	
READBCK ACCURACY(25 ± 5°C)		
Voltage	≦ 0.05%+10mV	
Current	≦ 0.1%+5mA	
READBCK 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)
European Test Lead
GTL-204 x 1 (PSS-2005) or GTL-203 x 1 (PSS-3203)

DIMENSIONS & WEIGHT

108(W) x 140(H) x 315(D) mm, Approx. 4.8kg

ORDERING INFORMATION

PSS-2005 100W Single Output Programmable D.C. Power Supply

PSS-3203 96W Single Output Programmable D.C. Power Supply

Option

Opt.01 : GPIB Interface (factory installed)

Opt.02 : GRA-403 Rack Mounting (19", 4U)

NOTE : When Opt.01 GPIB interface is ordered, the standard interface RS-232C will be deleted.

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