



PSS-2005/3203



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
- * Optional Interface : GPIB (IEEE-488.2)
- * Optional European Jack Type Terminal

Rear Panel



SPECIFICATIONS		
OUTPUT	PSS-2005	PSS-3203
Voltage	0~20V	0~32V
Current	0~5A	0~3A
OVP	0~21V	0~33V
LOAD REGULATION		
Voltage	≤ 3mV (≤ 5mV, rating current >3.0A)	
Current	≤ 3mA (≤ 5mA, rating current >3.0A)	
LINE REGULATION		
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	
READBACK RESOLUTION		
Voltage	10mV	
Current	1mA (2mA, rating current >3.0A)	
READBACK ACCURACY(25 ± 5 °C)		
Voltage	≤ 0.05%+10mV	
Current	≤ 0.1%+5mA (10mA rating current >3.0A)	
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		
POWER SOURCE		
AC 100V/120V/ 220V±10%, 230V (+10%/-6%), 50/60Hz		
DIMENSIONS & WEIGHT		
108(W) x 142(H) x 318(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

ACCESSORIES :

User 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)

OPTION

Opt.01 : GPIB Interface (factory installed)

OPTIONAL ACCESSORIES

GTL-232 RS232C Cable, 9-pin Female to 9-pin, null Modem for Computer
GRA-408 Rack Adapter Panel

FREE DOWNLOAD

PC Software Driver PC Software including Data Log ; Remote Control Software
LabView Driver

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