PROGRAMMABLE LINEAR D.C. POWER SUPPLY



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



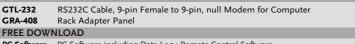
The PSS-Series are single output, 96 or 100W, programmable linear DC power supplies. OVP, OCP, and OTP protect the PSS series and their load from unexpected conditions. The LCD panel simultaneously displays output and other parameters and the regulated cooling fan ensures low noise for comfortable operation. RS232C and GPIB interfaces, SCPI command sets and LABVIEW drivers make remote control and ATE software development easier. (Note: only RS-232C or GPIB can be installed at one time) The compact PSS series are suitable for any high resolution bench-top or rack mount application.



99 Washington Street Melrose, MA 02176 Phone 781-665-1400 Toll Free 1-800-517-8431

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SPECIFICATIONS		
OUTPUT	PSS-2005	PSS-3203
Voltage	0~20V	0~32V
Current	0~5A	0~3A
OVP	0~21V	0~33V
LOAD REGULATION		
Voltage Current	\leq 3mV (\leq 5mV, rating current >3.0A) \leq 3mA (\leq 5mA, rating current >3.0A)	
Voltage	≤ 3mV	
Current	≤ 3mA	
RESOLUTION		
Voltage	10mV	
Current OVP	1mA (2mA, rating current >3.0A) 10mV	
PROGRAM ACCURACY(25 ± 5 °C) Voltage ≤ 0.05%+20mV		
Voltage Current	\leq 0.1%+5mA (+10mA, rating current>3.0A)	
OVP	$\leq 0.05\%$ +20mV	
RIPPLE & NOISE(20Hz~20MHz)		
Voltage	Ripple ≤ 1mVrms/3mVp-p ;Noise ≤ 2mVrms/30mVp-p	
Current	\leq 3mArms (\leq 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	$\leq 0.05\% + 10mV$	2.04)
Current	\leq 0.1%+5mA (10mA rating current >3.0A)	
READBACK TEMPERATURE COEFFICIENT		
Voltage	\leq 100ppm+10mV	
Current RESPONSE TIME	\leq 100ppm+5mA (10mA rating c	unent >3.0A)
Voltage Up (10%~90%)	< 100mS	
Voltage Down (90%~10%)	\leq 100mS (\geq 10% rating load)	
Voltage	<u> < 100ppm+10mV </u>	
Current	\leq 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 : GPIBInterface (factory installed)		
OPTIONAL ACCESSORIES		



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.

Test Equipment Depot - 800.517.8431 - 99 Washington Street Melrose, MA 02176 - TestEquipmentDepot.com