

PSS-Series Specifications

The specifications apply when the PSS-Series is powered on for at least 30 minutes under +20°C~+30°C.

	PSS-2005	PSS-3203
OUTPUT		
Voltage	0~20V	0~32V
Current	0~5A	0~3A
OVP	0~21V	0~33V
LOAD REGULATION		
Voltage	≤ 3mV (≤ 5mV rating current > 3A)	
Current	≤ 3mA (≤ 5mA rating current > 3A)	
LINE REGULATION		
Voltage	≤ 3mV	
Current	≤ 3mA	
RESOLUTION		
Voltage	10mV	
Current	1mA (2mA, rating current >3A)	
OVP	10mV	
PROGRAM ACCURACY (25±5° C)		
Voltage	≤ 0.05% + 20mV	
Current	≤ 0.1% + 5mA (10mA, rating current> 3A)	
OVP	≤ 0.05% + 20mV	
RIPPLE & NOISE (20Hz ~ 20MHz)		
Voltage	Ripple ≤ 1mVrms / 3mVp-p Noise ≤ 2mVrms / 30mVp-p	
Current	≤ 3mArms (≤ 5mArms, rating current > 3A)	
TEMPERATURE COEFFICIENT (0~40° C)		
Voltage	≤ 100ppm + 3mV	
Current	≤ 100ppm + 3mA	
READBACK RESOLUTION		
Voltage	10mV	
Current	1mA (2mA, rating current > 3A)	
READBACK ACCURACY (25±5° C)		
Voltage	≤ 0.05% + 10mV	
Current	≤ 0.1% + 5mA (10mA rating current > 3A)	
READBACK TEMPERATURE COEFFICIENT		
Voltage	≤ 100ppm + 10mV	
Current	≤ 100ppm + 5mA (+ 10mA rating current > 3A)	
RESPONSE TIME		
Voltage Up 10%~90%	≤ 100mS	
Voltage Down 90%~10%	≤ 100mS (≥ 10% rating load)	

DRIFT	
Voltage	$\leq 100\text{ppm} + 10\text{mV}$
Current	$\leq 150\text{ppm} + 10\text{mA}$
INTERFACE	
	Standard : RS-232C Option : GPIB (IEEE488.2)
POWER SOURCE	
	AC100V/120V/220V $\pm 10\%$, 230V (+10%~-6%), 50/60Hz
ACCESSORIES	
	User manual x 1 Power cord x 1 Test lead GTL-105 x 1 [or European Test Lead GTL-203 x 1]
DIMENSIONS & WEIGHT	
	108(W) x 140(H) x 315(D)mm Approx. 4.8kg