

PST-Series Specifications

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

	PST-3202	PST-3201
OUTPUT		
Voltage	0~32Vx2, 0~6Vx1	0~32Vx3
Current	0~2Ax2, 0~5Ax1	0~1Ax3
OVP	0~33Vx2, 0~7Vx1	0~33Vx3
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 (20mV, rating voltage >36V)	
Current	1mA (2mA, rating current > 3.0A)	
READBACK ACCURACY (25±5° C)		
Voltage	≤ 0.05% + 10mV (+20mV, rating voltage >36V)	
Current	≤ 0.1% + 5mA (+10mA, rating current >3.0A)	
READBACK TEMPERATURE COEFFICIENT		
Voltage	≤ 100ppm + 10mV (+20mV, rating voltage >36V)	
Current	≤ 150ppm + 5mA (+ 10mA rating current > 3.0A)	
RESPONSE TIME		
Voltage Up 10%~90%	≤ 100mS	
Voltage Down 90%~10%	< 100mS (>10% rating load)	

DRIFT	
Voltage	$\leq 100\text{ppm} + 10\text{mV}$ (+20mV, rating voltage >36V)
Current	$\leq 150\text{ppm} + 10\text{mA}$
TRACK OPERATION	
Tracking Error	$\leq 0.1\% + 20\text{mV}$
Series (Load Effect)	$\leq 20\text{mV}$
PARALLEL OPERATION	
Program Accuracy (25±5° C)	Voltage $\leq 0.05\% + 20\text{mV}$ Current $\leq 0.1\% + 10\text{mA}$ OVP $\leq 0.05\% + 20\text{mV}$
Load Effect	Voltage $\leq 3\text{mV}$ ($\leq 5\text{mV}$ rating current > 3.0A) Current $\leq 6\text{mA}$
Source Effect	Voltage $\leq 3\text{mV}$ Current $\leq 6\text{mA}$
MEMORY	
	Store / Recall sets 100 set
TIMER	
Setting time	0.1 sec ~ 99 min 59 sec (Max 99 min 59 sec x 100)
Resolution	0.1 sec
Function	Auto Step Running (for output working loop)
INTERFACE	
	Standard : RS-232C Option : GPIB (IEEE488.2)
POWER SOURCE	
	AC100V/120V/220V±10%, 230V (+10%/-6%), 50/60Hz
ACCESSORIES	
	User manual x 1 Power cord x 1 Test lead GTL-104 x 3 [or European Test Lead GTL-204 x 3]
DIMENSIONS & WEIGHT	
	230(W) x 140(H) x 380(D)mm Approx. 10 kg