

# Programmable D.C. Power Supply

**NEW**

**CE**

**ETL**  
LISTED  
US  
116525



## FEATURES :

- \* Digitized Programmable Interface, High Resolution 10mV, 1mA
- \* 192 x 128 LCD Display, Display Several Setting and Measuring Result Simultaneously
- \* Over-Voltage, Over-Current, Over Temperature Protection
- \* Intelligent Fan Control(Change by Output Power)
- \* 100 Sets Memory for Setting Save, Auto Running
- \* Provided Auto Series and Parallel Function
- \* Standard Interface: RS-232C
- \* Jack Type Terminal for Europe (Option)
- \* Option: GPIB (IEEE-488.2)

PST-Series

## SPECIFICATIONS

	MODEL	PST-3202	PST-3201
<b>OUTPUT</b>	<b>Voltage</b>	0~32Vx2, 0~6Vx1	0~32Vx3
	<b>Current</b>	0~2Ax2, 0~5Ax1	0~1Ax3
	<b>OVP</b>	0~33Vx2, 0~7Vx1	0~33Vx3
<b>LOAD EFFECT</b>	<b>Voltage</b>	≤ 3mV (≤ 5mV rating current >3.0A)	
	<b>Current</b>	≤ 3mA (≤ 5mA rating current >3.0A)	
<b>SOURCE EFFECT</b>	<b>Voltage</b>	≤ 3mV	
	<b>Current</b>	≤ 3mA	
<b>RESOLUTION</b>	<b>Voltage</b>	10mV (20mV, rating voltage >36V)	
	<b>Current</b>	1mA (2mA, rating current >3.0A)	
	<b>OVP</b>	10mV (20mV, rating voltage >36V)	
<b>PROGRAM ACCURACY (25 ± 5°C)</b>	<b>Voltage</b>	≤ 0.05%+10mV (+20mV, rating voltage >36V)	
	<b>Current</b>	≤ 0.1%+5mA (+10mA, rating current >3.0A)	
	<b>OVP</b>	≤ 0.05%+10mV(+20mV, rating voltage >36V)	
<b>RIPPLE &amp; NOISE (20Hz~20MHz)</b>	<b>Voltage</b>	Ripple: 1mVrms/3mVp-p    Noise: 2mVrms/30mVp-p	
	<b>Current</b>	≤ 3mArms (≤ 5mArms, rating current >3.0A)	
<b>TEMPERATURE COEFFICIENT (0 ~ 40°C)</b>	<b>Voltage</b>	≤ 100ppm+3mV	
	<b>Current</b>	≤ 100ppm+3mA	
<b>READBCK RESOLUTION</b>	<b>Voltage</b>	10mV (20mV, rating voltage >36V)	
	<b>Current</b>	1mA (2mA, rating current >3.0A)	
<b>READBCK ACCURACY (25 ± 5°C)</b>	<b>Voltage</b>	≤ 0.05%+10mV (+20mV, rating voltage >36V)	
	<b>Current</b>	≤ 0.1%+5mA	
<b>READBCK TEMPERATURE COEFFICIENT</b>	<b>Voltage</b>	≤ 100ppm+10mV (+20mV, rating voltage >36V)	
	<b>Current</b>	≤ 100ppm+5mA (+10mA, rating current >3.0A)	
<b>RESPONSE TIME</b>	<b>Voltage Up</b>	10%~90% ≤ 100mS	
	<b>Voltage Down</b>	90%~10% ≤ 100mS (≥ 10% rating load)	
<b>DRIFT</b>	<b>Voltage</b>	≤ 100ppm+10mV (+20mV, rating voltage >36V)	
	<b>Current</b>	≤ 150ppm+10mA	
<b>TRACK OPERATION</b>	<b>Tracking Error</b>	0.1%+20mV	
	<b>Series (Load Effect)</b>	≤ 20mV	
<b>PARALLEL OPERATION</b>	<b>Program Accuracy (25 ± 5°C)</b>	Voltage ≤ 0.05%+10mV (+20mV, rating voltage >36V)	
	<b>Load Effect</b>	Current ≤ 0.1%+10mA    OVP ≤ 0.05%+10mV	
	<b>Source Effect</b>	Voltage ≤ 3mV(≤ 5mV, rating current >3.0A); current ≤ 6mA	
		Voltage ≤ 3mV; current ≤ 6mA	
<b>MEMORY</b>		Store/Recall Points 0~99	
<b>TIMER</b>	<b>Setting time</b>	0.1sec~99Min59sec(max 99Min59sec x 100)	
	<b>Resolution</b>	0.1 sec	
	<b>Function</b>	Auto Step running (for output working loop)	
<b>INTERFACE</b>		Standard : RS-232C; Option: GPIB (IEEE488.2)	
<b>POWER SOURCE</b>		AC 100V/ 120V/ 220V ± 10%, 230V(+10%/~6%), 50/60Hz	
<b>ACCESSORIES</b>		Instruction Manual x 1, Power Cord x 1, Test Lead GTL-104 x 3 (PST-3202) or GTL-105 x 3 (PST-3201)	
<b>DIMENSIONS &amp; WEIGHT</b>		230(W) x 140(H) x 380(D) mm , Approx.10kg	

D2

ISO-9001 & ISO-14001