



## PST-Series



## 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
- \* Auto Step Running With Timp Setting
- \* Auto Series and Parallel Function
- \* LabVIEW Driver
- \* Standard Interface: RS-232C
- \* Option: GPIB (IEEE-488.2)
- \* Optional European Jack Type Terminal

## Rear Panel



The PST-Series is triple output, 96 or 158W, programmable linear DC power supply OVP, OCP, and OTP protect PST and loads from unexpected conditions. High resolution is maintained at 10mV, 1mA. Large 192 x 128 LCD panel with simultaneous output/parameter view and automatically regulated cooling fan for low noise provide comfortable operation. Configuration is simplified with output setting store/recall function, Auto series/parallel operation, and Auto step running for continuous testing. SCPI command set and Labview driver access through RS-232C or optional GPIB interface provide remote control and ATE software development capability. The versatile PST Series is ideal for applications which require high resolution, multiple output, and automated operation, such as in production testing and rack mounting system.

SPECIFICATIONS		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 REGULATION</b>			
<b>Voltage</b>	≤ 3mV (≤ 5mV rating current >3.0A)		
<b>Current</b>	≤ 3mA (≤ 5mA rating current >3.0A)		
<b>LINE REGULATION</b>			
<b>Voltage</b>	≤ 3mV		
<b>Current</b>	≤ 3mA		
<b>RESOLUTION</b>			
<b>Voltage</b>	10mV		
<b>Current</b>	1mA (2mA, rating current >3.0A)		
<b>OVP</b>	10mV		
<b>PROGRAM ACCURACY(25 ± 5°C)</b>			
<b>Voltage</b>	≤ 0.05%+20mV		
<b>Current</b>	≤ 0.1%+5mA (+10mA, rating current >3.0A)		
<b>OVP</b>	≤ 0.05%+20mV		
<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>READBACK RESOLUTION</b>			
<b>Voltage</b>	10mV(20mV, rating voltage >36V)		
<b>Current</b>	1mA(2mA, rating current >3.0A)		
<b>READBACK 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>READBACK TEMPERATURE COEFFICIENT</b>			
<b>Voltage</b>	≤ 100ppm+10mV(+20mV, rating current >36V)		
<b>Current</b>	≤ 100ppm+5mA(+10mA, rating current >3.0A)		
<b>RESPONSE TIME</b>			
<b>Voltage Up (10%~90%)</b>	≤ 100mS		
<b>Voltage Down (90%~10%)</b>	≤ 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 Series(Load Effect)</b>	0.1%+20mV ≤ 20mV		
<b>PARALLEL OPERATION</b>			
<b>Program Accuracy (25 ± 5 °C)</b>	Voltage ≤ 0.05%+20mV(+20mV, rating voltage >36V) Current ≤ 0.1%+10mA OVP ≤ 0.05%+20mV		
<b>Load Effect Source Effect</b>	Voltage ≤ 3mV(≤ 5mV, rating current >3.0A); current ≤ 6mA Voltage ≤ 3mV; current ≤ 6mA		
<b>MEMORY</b>			
<b>Store/Recall</b>	99 Sets		
<b>TIMER</b>			
<b>Setting time</b>	0.1 second~99 Minutes 59 second(Max. 99 Minutes 59 second x 100)		
<b>Resolution</b>	0.1 second		
<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>DIMENSIONS &amp; WEIGHT</b>			
230(W) x 140(H) x 380(D) mm , Approx.10kg			

## ORDERING INFORMATION

PST-3202	158W Triple Output Programmable D.C. Power Supply
PST-3201	96W Triple Output Programmable D.C. Power Supply

## ACCESSORIES :

User manual x 1, Power cord x 1, Test lead: GTL-104 x 3 (PST-3202) or GTL-105 x 3 (PST-3201)  
European test lead: GTL-204 x 3 (PST-3202) or GTL-203 x 3 (PST-3201)

## Option

Opt.01: GPIB Interface (factory installed)

## Optional Accessories

GRA-407 Rack Mounting (19", 4U)

CTL-232 RS232C Cable, 9-pin Female to 9-pin, null Modem for Computer