

Programmable D.C. Power Supply



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
- * Provided Auto Series and Parallel Function
- * Labview Driver
- * Standard Interface: RS-232C
- * Option: GPIB (IEEE-488.2)
- * Optional European Jack Type Terminal

PST-Series

SPECIFICATIONS		
OUTPUT	PST-3202	PST-3201
Voltage	0~32Vx2, 0~6Vx1	0~32Vx3
Current	0~2Ax2, 0~5Ax1	0~1Ax3
OVP	0~33Vx2, 0~7Vx1	0~33Vx3
LOAD EFFECT		
Voltage	≤ 3mV (≤5mV rating current >3.0A)	
Current	≤ 3mA (≤5mA rating current >3.0A)	
SOURCE EFFECT		
Voltage	≤ 3mV	
Current	≤ 3mA	
RESOLUTION		
Voltage	10mV (20mV, rating voltage >36V)	
Current	1mA (2mA, rating current >3.0A)	
OVP	10mV (20mV, rating voltage >36V)	
PROGRAM ACCURACY(25 ± 5°C)		
Voltage	≤ 0.05%+20mV (+40mV, rating voltage>36V)	
Current	≤ 0.1%+5mA (+10mA, rating current>3.0A)	
OVP	≤ 0.05%+20mV(+40mV, rating voltage>36V)	
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	
READBACK TEMPERATURE COEFFICIENT		
Voltage	≤ 100ppm+10mV (+20mV, rating voltage >36V)	
Current	≤ 100ppm+5mA (+10mA, rating current >3.0A)	
RESPONSE TIME		
Voltage Up	10%~90% ≤ 100mS	
Voltage Down	90%~10% ≤ 100mS (≥ 10% rating load)	
DRIFT		
Voltage	≤ 100ppm+10mV (+20mV, rating voltage >36V)	
Current	≤ 150ppm+10mA	
TRACK OPERATION		
Tracking Error	0.1%+20mV	
Series(Load Effect)	≤ 20mV	

PARALLEL OPERATION

Program Accuracy (25 ± 5°C)	Voltage ≤ 0.05%+10mV (+20mV, rating voltage >36V) Current ≤ 0.1%+10mA OVP ≤ 0.05%+10mV
Load Effect	Voltage ≤ 3mV(≤ 5mV, rating current>3.0A) current ≤ 6mA
Source Effect	Voltage ≤ 3mV; current ≤ 6mA

MEMORY

Store/Recall sets 0~99

TIMER

Setting time	0.1sec~99Min59sec(max 99Min59sec x 100)
Resolution	0.1 sec
Function	Auto step running (for output working loop)

INTERFACE

Standard : RS-232C; Option: GPIB (IEEE488.2)

POWER SOURCE

AC 100V/ 120V/ 220V ± 10%, 230V(+10%/~6%), 50/60Hz

ACCESSORIES

Instruction 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)

DIMENSIONS & WEIGHT

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

Option

Opt.01: GPIB Interface (factory installed)

Opt.02: GRA-407 Rack Mounting (19", 4U)

Strumenti di Misura Nuovi e Ricondizionati



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