

Programmable D.C. Power Supply



PPE-1323/3323



PPT-1830G/3615G



PPS-3635G

FEATURES

- * Easy Operation, with UP/DOWN Key
- * High Resolution: 10mV, 1mA
- * Over Voltage Protection, Over Current Protection (PPT-Series & PPS-3635G by Hardware, PPE-Series by Software)
- * 100 Sets Memory for PPS-3635G & PPE-1323
- * 50 Sets Memory for PPT-Series & PPE-3323
- * Self Test and Software Calibration
- * Meet UL CSA IEC Safety Regulation
- * Auto Step Running With Time Setting
- * FRONT/REAR Output and Sense Switch Selectable (for PPT -Series & PPS-3635G)
- * Triple Output (for PPT-Series & PPE-3323)
- * Auto Series and Parallel Operation (for PPT-Series)
- * Auto Tracking (for PPT-Series & PPE-3323)
- * IEEE-488.2 and SCPI Compatible Command set (PPS-3635G/PPT-Series)
- * RS-232 Communication Capability (PPE-Series)
- * Labview Driver Software Available (for PPS-Series/PPT-Series)
- * High Stability, Low Drift
- * 4 Digit Display

	MODEL	PPE-1323	PPE-3323	PPT-1830G	PPT-3615G	PPS-3635G
OUTPUT	Voltage	0 ~ 32V	0~+32V,0~-32V,3.3V/5V FIXED	0~18Vx2,0~6Vx1	0~36Vx2,0~6Vx1	0 ~ 36V
	Current	0 ~ 3A	0~+3A,0~-3A,3A FIXED	0~3Ax2,0~5Ax1	0~1.5Ax2,0~3Ax1	0 ~ 3.5A
	OVP	0 ~ 33V	0~+33V,0~-33V	0~20Vx2,0~7Vx1	0~38.5Vx2,0~7Vx1	0 ~ 38.5V
LOAD EFFECT	Voltage	≤6mV	≤6mV	≤3mV rear output (≤ 6mV front output)		
	Current	≤3mA	≤3mA	≤3mA (≤ 6mA rating current > 3.5A)		
SOURCE EFFECT	Voltage	≤3mV				
	Current	≤3mA				
RESOLUTION	Voltage	10mV (20mV rating voltage > 36V)				
	Current	1mA (2mA rating current > 3.5A)				
	OVP	10mV(20mV rating voltage > 36V)				
PROGRAM ACCURACY (25+/-5°C)	Voltage	≤0.05% + 25mV (+ 50mV rating voltage > 36 V)				
	Current	≤0.2% + 10mA				
	OVP	≤2% + 0.6V				
RIPPLE & NOISE (20Hz ~ 20MHz)	Voltage	Ripple 1mVrms / 3mVp-p				
	Current	Noise 2mVrms / 30mVp-p				
TEMPERATURE(0~40°C) COEFFICIENT	Voltage	≤ 100ppm + 3mV				
	Current	≤ 150ppm + 3mA				
READBACK RESOLUTION ACCURACY (25+/-5°C)	Voltage	10mV (20mV rating voltage > 36V)				
	Current	1mA (2mA rating current > 3.5A)				
	OVP	≤0.05% + 25mV (+ 50mV rating voltage > 36V)				
RESPONSE TIME VOLTAGE UP VOLTAGE DOWN	10% ~ 90%	≤ 100mS				
	90% ~ 10%	≤ 100mS				
READBACK TEMPERATURE COEFFICIENT	Voltage	≤ 100ppm + 10mV (+ 20mV rating voltage > 36V)				
	Current	≤ 150ppm + 10mA				
DRIFT	Voltage	≤ 0.03% + 6mV				
	Current	≤ 0.1% + 6mA				
TRACK OPERATION (PPT-Series & PPE-3323)	Tracking Error	≤ 0.1% + 50mV				
	Series Regulation	≤ 50mV				
PARALLEL OPERATION (PPT-Series only)	Program Accuracy (25+/-5°C)	Voltage	≤ 0.05% + 25mV (+ 50mV rating voltage > 36V)			
		Current	≤ 0.2% + 20mA			
		OVP	≤ 2% + 0.6V			
	Load Effect	Voltage	≤ 3mV rear output (≤ 6mV front output)			
		Current	≤ 6mA (≤ 12mA rating current > 3.5A)			
Source Effect	Voltage	≤ 3mV				
	Current	≤ 6mA				
MEMORY		Store / Recall sets 0 ~ 99 (0 ~ 49 sets for PPT-Series & PPE-3323)				
TIMER	Setting time	1 sec ~ 255 Min (max 255 Min x 99 PPS-3635G, Max 255 Min x 49 PPT-Series)				
		1 sec ~ 99 Min (max 99 Min x 99 PPE-1323, Max 99 Min x 49 PPE-3323)				
	Resolution Function	1 sec for output working loop (Auto Step running)				
INTERFACE	RS-232 standard for PPE-Series; GPIB Interface Standard for PPS-3635G/PPT-Series					
POWER SOURCE	AC 100V/120V/ 220V/240V ±10%, 50/60Hz					
ACCESSORIES	Instruction manual x 1, Power cord x 1, GTL-105 x 1 PPS-3635G & PPE-1323 , GTL-105 x 3 PPT-Series & PPE-3323					
DIMENSIONS & WEIGHT	255(W) x 145(H) x 346(D) mm; PPS-3635G & PPE-1323 :Approx. 9.5kg, PPT-Series & PPE-3323 : Approx. 10kg					

ORDERING INFORMATION

PPE-1323 96W Single Output Programmable D.C. Power Supply
PPE-3323 207W Triple Output Programmable D.C. Power Supply
PPS-3635G 126W Single Output Programmable D.C. Power Supply

PPT-1830G 138W Triple Output Programmable D.C. Power Supply
PPT-3615G 126W Triple Output Programmable D.C. Power Supply