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MODEL	10V	PSH1036 (36A)	PSH1070 (70A)	PSH10100 (100A)	
SPEC.	20V	PSH2018 (18A)	PSH2035 (35A)	PSH2050 (50A)	
	36V	PSH3610 (10A)	PSH3620 (20A)	PSH3630 (30A)	
	60V	PSH6006 (6A)	PSH6012 (12A)	PSH6018 (18A)	
	Regulation (C.V)	Load	≤ 0.1%+5mV	≤ 0.1%+5mV	≤ 0.1%+5mV
	Line	≤ 0.05%+5mV	≤ 0.05%+5mV	≤ 0.05%+5mV	
Regulation (C.C)	Load	≤ 0.2%+5mA	≤ 0.2%+10mA	≤ 0.2%+15mA	
	Line	≤ 0.2%+5mA	≤ 0.2%+10mA	≤ 0.2%+15mA	
Ripple & Noise	Voltage (mVrms)	≤ 10mVrms, 100mVpp 20Hz~20MHz			
	Current (mArms)	≤ 0.2%	≤ 0.2%+20mA	≤ 0.2%+40mA	
Program Accuracy	Voltage	≤36V	≤ 0.05%+25mV		
		>36V	≤ 0.05%+50mV		
	Current	10V	≤ 0.2%+30mA	≤ 0.2%+60mA	≤ 0.2%+90mA
		20V	≤ 0.2%+30mA	≤ 0.2%+30mA	≤ 0.2%+60mA
		36V	≤ 0.2%+30mA	≤ 0.2%+30mA	≤ 0.2%+30mA
60V		≤ 0.2%+30mA	≤ 0.2%+30mA	≤ 0.2%+30mA	
Program Resolution	Voltage	≤36V	10mV		
		>36V	20mV		
	Current	10V	10mA	20mA	30mA
		20V	10mA	10mA	20mA
		36V	10mA	10mA	10mA
60V		10mA	10mA	10mA	

Regulation, Ripple, Noise, Accuracy and Resolution



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SPEC.	20V	PSH2018 (18A)	PSH2035 (35A)	PSH2050 (50A)	
	36V	PSH3610 (10A)	PSH3620 (20A)	PSH3630 (30A)	
	60V	PSH6006 (6A)	PSH6012 (12A)	PSH6018 (18A)	
Readback (Meter) Accuracy	Voltage	≤36V	≤ 0.05%+25mV		
		>36V	≤ 0.05%+50mV		
	Current	10V	≤ 0.2%+30mA	≤ 0.2%+60mA	≤ 0.2%+90mA
		20V	≤ 0.2%+30mA	≤ 0.2%+30mA	≤ 0.2%+60mA
		36V	≤ 0.2%+30mA	≤ 0.2%+30mA	≤ 0.2%+30mA
60V		≤ 0.2%+30mA	≤ 0.2%+30mA	≤ 0.2%+30mA	
Readback (Meter) Resolution	Voltage	≤36V	10mV		
		>36V	20mV		
	Current	10V	10mA	20mA	30mA
		20V	10mA	10mA	20mA
		36V	10mA	10mA	10mA
60V		10mA	10mA	10mA	
Recovery Time (50% step load change from 25%~75%)	CV Mode	≤ 2ms			
Response Time	Voltage Up (10%~90% ≤ 95% rating load)	≤150ms	≤150ms	≤150ms	
	Voltage Down (90%~10%, ≥ 10 % rating load)	≤150ms	≤150ms	≤150ms	

Meter Accuracy/Resolution and Response Times



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	20V	PSH2018 (18A)	PSH2035 (35A)	PSH2050 (50A)
	36V	PSH3610 (10A)	PSH3620 (20A)	PSH3630 (30A)
	60V	PSH6006 (6A)	PSH6012 (12A)	PSH6018 (18A)
SPEC.				
Temperature Coefficient	Voltage (25±5)	≤100ppm/°C	≤100ppm/°C	≤100ppm/°C
Protection	OVP/OCP/OHP	provided	provided	provided
	Rush Current Protection	Provided	provided	provided
Output ON/OFF Control		provided	provided	provided
Display	LCD	LCD	LCD	LCD
Mechanical Spec.	Dimensions (W×H×D)	108×141×388 m/m	188×141×388 m/m	268×141×388 m/m
	Weight	Approx. 3.3 kg	Approx. 6.2 kg	Approx. 9.3 kg
AC Input	100-230V	100-230V	100-230V	100-230V
Operation Environmental	Indoor use Altitude up to 2000 m Ambient temperature : To satisfy specifications : 10 to 35 (50° F to 95° F) Maximum operating ranges: 0 to 40 (32° F to 104° F) Relative humidity: 85% RH(max.) non condensing Installation Category : II Pollution degree 2			
Storage Temperature & Humidity	-10° to 70 , 70%RH (maximum)			
Accessories	Instruction manual..... 1 Cable Gland..... 1 AC Input Cover..... 1			

Environmental, Storage and Supplied Accessories

Power Supply	Wire Type	Rating	Cable Outside Diameter	Cable Gland (Strain Relief)
1 unit	SVT	3×18 AWG	60°C min.	5.84~6.73m/m
2 units		stranded copper	300V	(0.230"~0.265")
3 units	SJT	3×14 AWG	60°C min.	9.143~10.03m/m
		stranded copper	300V	(0.360"~0.395")

Recommended AC Power Cords