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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	$\leq 0.1\%+5\text{mV}$	$\leq 0.1\%+5\text{mV}$	$\leq 0.1\%+5\text{mV}$
	Line	$\leq 0.05\%+5\text{mV}$	$\leq 0.05\%+5\text{mV}$	$\leq 0.05\%+5\text{mV}$
Regulation (C.C)	Load	$\leq 0.2\%+5\text{mA}$	$\leq 0.2\%+10\text{mA}$	$\leq 0.2\%+15\text{mA}$
	Line	$\leq 0.2\%+5\text{mA}$	$\leq 0.2\%+10\text{mA}$	$\leq 0.2\%+15\text{mA}$
Ripple & Noise	Voltage (mVrms)	$\leq 10\text{mVrms}, 100\text{mVpp } 20\text{Hz}\sim 20\text{MHz}$		
	Current (mA rms)	$\leq 0.2\%$	$\leq 0.2\%+20\text{mA}$	$\leq 0.2\%+40\text{mA}$
Program Accuracy	Voltage	$\leq 36\text{V}$	$\leq 0.05\%+25\text{mV}$	
		$>36\text{V}$	$\leq 0.05\%+50\text{mV}$	
	Current	10V	$\leq 0.2\%+30\text{mA}$	$\leq 0.2\%+60\text{mA}$
		20V	$\leq 0.2\%+30\text{mA}$	$\leq 0.2\%+60\text{mA}$
		36V	$\leq 0.2\%+30\text{mA}$	$\leq 0.2\%+30\text{mA}$
		60V	$\leq 0.2\%+30\text{mA}$	$\leq 0.2\%+30\text{mA}$
Program Resolution	Voltage	$\leq 36\text{V}$	10mV	
		$>36\text{V}$	20mV	
	Current	10V	10mA	20mA
		20V	10mA	10mA
		36V	10mA	10mA
		60V	10mA	10mA

Regulation, Ripple, Noise, Accuracy and Resolution

MODEL SPEC.	10V		PSH1036 (36A)	PSH1070 (70A)	PSH10100 (100A)
	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

MODEL	10V	PSH1036 (36A)	PSH1070 (70A)	PSH10100 (100A)
	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	KSS
2 units		stranded copper	300V	(0.230"~0.265")	PG-1610
3 units	SJT	3×14 AWG	60°C min.	9.143~10.03m/m	KSS
		stranded copper	300V	(0.360"~0.395")	PG-2013

Recommended AC Power Cords