

PSH-Series Specifications

The specifications apply when the PSH-Series is powered on for at least 30 minutes under +20°C~+30°C.

OUTPUT				
Voltage Rating / Output Capacity		360W	720W	1080W
20V		18A(PSH-2018A)	X	X
36V		10A(PSH-3610A)	20A(PSH-3620A)	30A(PSH-3630A)
REGULATION (CV)				
LOAD		≤ 0.1% + 5mV	≤ 0.1% + 5mV	≤ 0.1% + 5mV
Line		≤ 0.05% + 5mV	≤ 0.05% + 5mV	≤ 0.05% + 5mV
REGULATION (CC)				
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	≤ 10mVrms	≤ 10mVrms
Voltage (mVp-p)		≤ 100mVp-p 20Hz~20MHz	≤ 100mVp-p 20Hz~20MHz	≤ 100mVp-p 20Hz~20MHz
Current (mA rms)		≤ 0.2%	≤ 0.2%+20mA	≤ 0.2%+40mA
RESOLUTION				
Voltage	≤ 36V	10mV	10mV	10mV
	>36V	20mV	20mV	20mV
Current	10V	10mA	20mA	30mA
	20V	10mA	10mA	20mA
	36V	10mA	10mA	10mA
	60V	10mA	10mA	10mA
PROGRAM ACCURACY				
Voltage	≤ 36V	≤ 0.05% + 25mV	≤ 0.05% + 25mV	≤ 0.05% + 25mV
	>36V	≤ 0.05% + 50mV	≤ 0.05% + 50mV	≤ 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		Same as resolution		
Current		Same as resolution		
READBACK (Meter) ACCURACY				
Voltage		Same as program accuracy		
Current		Same program accuracy		
READBACK TEMP. COEFFICIENT				
Voltage(25 ± 5℃)		≤ 100ppm/℃		
RESPONSE(Rise/Fall)TIME				
Voltage Up (10%~90%)		≤ 150mS(≤ 95% rating load)		

Voltage Down (90%~10%)	≤ 150mS(≥ 10% rating load)		
RECOVERY TIME (50% Step Load Change From 25%~75%)			
CV Mode	≤ 2mS		
PROTECTION			
OVP/OCP/OTP	Yes		
Rush Current	Yes		
OUTPUT ON/OFF CONTROL			
	Yes		
INTERFACE			
	Standard: RS-232C; Optional: GPIB (IEEE-488.2)(GPIB and RS-232C are exclusive)		
POWER SOURCE			
	AC 90V ~ 250V, 50/60Hz		
DIMENSIONS & WEIGHT			
	108(W) x 142(H) x 393(D)mm Approx. 3.3kg	108(W) x 142(H) x 393(D)mm Approx. 6.2kg	108(W) x 142(H) x 393(D)mm Approx. 9.3kg

