



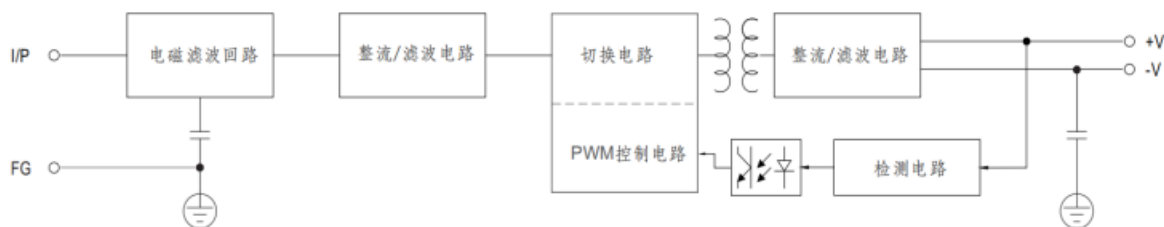
# 5W Single output power supply

PS Series

- High efficiency, long service life and high reliability
- output protection function: Over current/short circuit
- ultra wide operating temperature range -10 ° C ~ 60 ° C
- long service life electrolytic capacitor
- 100% full load ageing test
- no fan, quiet
- 3 years



MODEL	PS-5-5	PS-5-12	PS-5-24	
OUTPUT	DC Output	5V	12V	24V
	Rated Current	1A	0.5A	0.2A
	Current Range	0~1A	0~0.5A	0~0.2A
	Ripple and Noise	50mV	120mV	200mV
	Voltage ADJ. Range	±10% of rated output voltage		
	Voltage Accuracy	±2.0%	±2.0%	±2.0%
	Line Regulation	±1%	±1%	±1%
	Load Regulation	±1%	±1%	±1%
	Set-up Time	< 1.5S (230VAC input), < 2.5S (115VAC input)		
	Hold up Time	< 70ms/230VAC 15ms/115VAC		
INPUT	Voltage Range	88Vac~264Vac		
	Frequency Range	47Hz~63Hz		
	Efficiency	70%	72%	72%
	Inrush Current (Typical)	<30A@230VAC <20A@115VAC Cold start		
PROTECTION	Over Load	105%~135% of rated output current, hiccup mode, auto recovery		
	Over power	120%~130% of rated output current, hiccup mode, auto recovery		
	Short Circuit	Long-term mode, auto recovery		
ENVIRONMENT	Operating amb. Temp. & Hum.	-10°C~60°C; 25%~90%RH		
	Storage Temp. & Hum.	-40°C~85°C; 10%~95%RH		
SAFETY & EMC	Safety Standards	Reference GB4943/EN60950, UL62368-1, TUV EN62368-1		
	Withstand Voltage	input- output :3KVac; I/P-O/P:100M Ohms/500VDC 70%RH		
OTHERS	MTBF (MIL-HDBK-217F)	More than 100,000Hrs (25°C, Full load)		
	Dimension (L*W*H)	60*40*22mm		
	Packing	50g/PCS		
	Cooling method	Cooling by free air convection		
NOTE	1.All parameters NOT specially mentioned are measured at rated input, rated load and 25°C of ambient temperature.			



SCALE-DOWN CURVE:

