



# 45W Triple output power supply

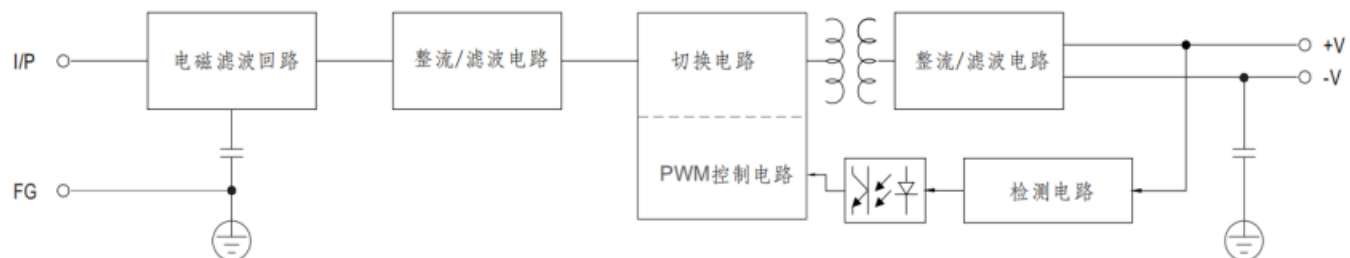
PT Series

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



MODEL	PT-45-A			PT-45-B			PT-45-C			
OUTPUT	DC Output	5V	12V	-12V	5V	15V	-15V	5V	12V	24V
	Rated Current	4A	1.5A	0.5A	4A	1.5A	0.5A	4A	1A	0.5A
	CurrentRange	0.5~4A	0.2~1.5A	0~0.5A	0.5~4A	0.2~1.5A	0~0.5A	0.5~4A	0.2~1A	0~0.5A
	Ripple and Noise	50mV	120mV	50mV	50mV	150mV	150mV	50mV	120mV	200mV
	Voltage ADJ. Range	±10% of rated output voltage								
	Voltage Accuracy	±4%	±7%	±5.0%	±4%	±7%	±5.0%	±4%	±7%	±5.0%
	Line Regulation	±1%	±1%	±1.5%	±1%	±1%	±1.5%	±1%	±2%	±3%
	Load Regulation	±3%	±4%	±1%	±3%	±4%	±1%	±2%	±5%	±5%
	Set-up Time	< 1.5S (230VAC Input), < 2.5S (115VAC Input)								
	Hold up Time	< 70ms/230VAC 15ms/115VAC								
INPUT	VoltageRange	88Vac~264Vac								
	FrequencyRange	47Hz~63Hz								
	Efficiency	72%			73%			74%		
	Inrush Current (Typical)	<30A@230VAC <20A@115VAC Cold start								
PROTEC TION	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								
ENVIRO NMENT	Operating amb. Temp. & Hum.	-10℃~60℃; 25%~90%RH								
	Storage Temp. & Hum.	-40℃~85℃; 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℃, Full load)								
	Dimension (L*W*H)	127*76*30mm								
	Packing	300g/PCS								
	Cooling method	Cooling by free air convection								
NOTE	1. All parameters NOT specially mentioned are measured at rated input, rated load and 25℃ of ambient temperature.									

Block diagram of internal mechanism



Declining curve:

