



# 40W Triple output power supply

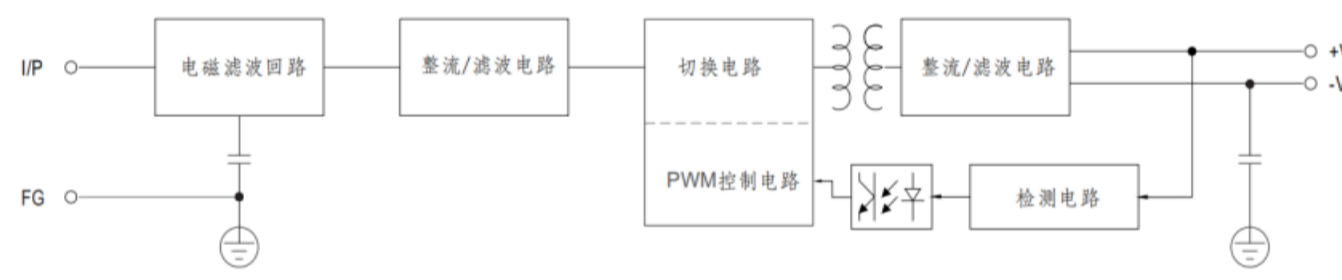
HS Series

- High efficiency, long service life and high reliability
- Output protection function: Over current/short circuit
- Ultra wide operating temperature range -30°C~70°C
- Long service life electrolytic capacitor
- 100% full load ageing test
- No fan, quiet
- 3 years

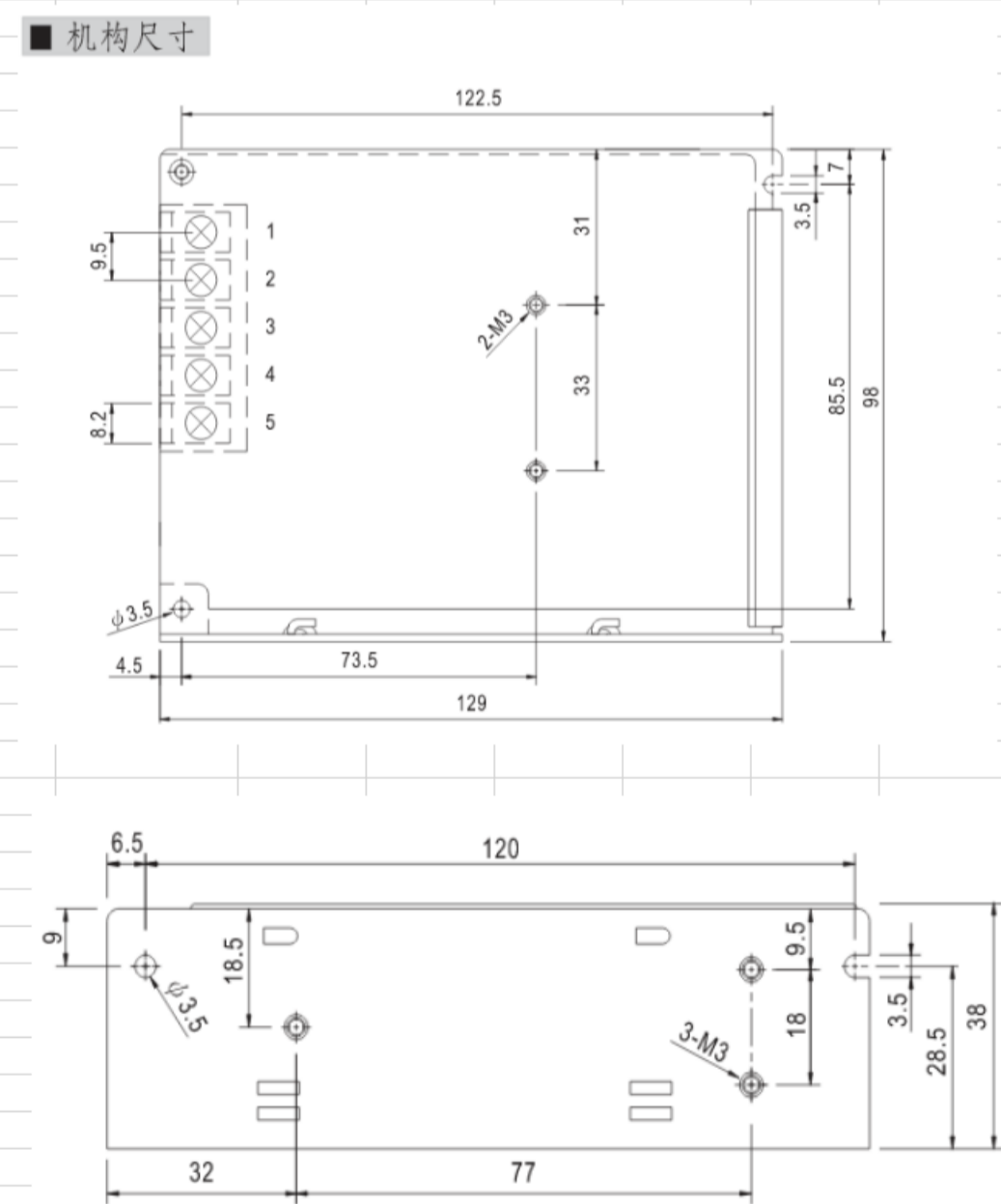


MODEL		HS-40T-A			HS-40T-B			HS-40T-C			
OUTPUT	DC Output	5V	12V	-12V	5V	15V	-15V	5V	12V	24V	
	Rated Current	4A	1A	0.6A	4A	1A	0.5A	3A	1A	0.6A	
	Current Range	0.5~4A	0~1A	0~0.6A	0.5~4A	0~1A	0~0.5A	0.5~2A	0~1A	0~0.6A	
	Ripple and Noise	50mV	120mV	120mV	50mV	200mV	200mV	200mV	120mV	200mV	
	Voltage ADJ. Range	±10% of rated output voltage									
	Voltage Accuracy	±2.0%	±8.0%	±3.0%	±2.0%	±8.0%	±3.0%	±8.0%	±6.0%	±8.0%	
	Line Regulation	±0.5%	±1.5%	±1.5%	±0.5%	±1.5%	±1.5%	±0.5%	±2%	±2%	
	Load Regulation	±1%	±3%	±3%	±1%	±3%	±3%	±1%	±3%	±4%	
	Set-up Time	< 1S (230VAC input), < 2S (115VAC input)									
	Hold up Time	< 70ms/230VAC 15ms/115VAC									
INPUT	Voltage Range	88Vac~264Vac									
	Frequency Range	47Hz~63Hz									
	Efficiency	73%			73%			73%			
	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.	-30°C~70°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	Primary-Secondary:3.0KVac; Primary-PG:1.5KVac; Secondary-PG:0.5KVDC									
OTHERS	MTBF (MIL-HDBK-217F)	More than 100,000Hrs (25°C, Full load)									
	Dimension (L*W*H)	143*60*38mm									
	Packing	400g/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.										

Block diagram of internal mechanism



Organization size chart:



Declining curve:

