

■ Features:

- ✓ High AC input (176-264Vac)
- ✓ High Efficiency, and High reliability
- ✓ Output protections: SCP/OVP/OPP/OLP
- ✓ Wide operating ambient temperature (-40°C~65°C)
- ✓ All using 105°C long life electrolytic capacitors.
- ✓ 100% full load burn-in test
- ✓ 1 year warranty

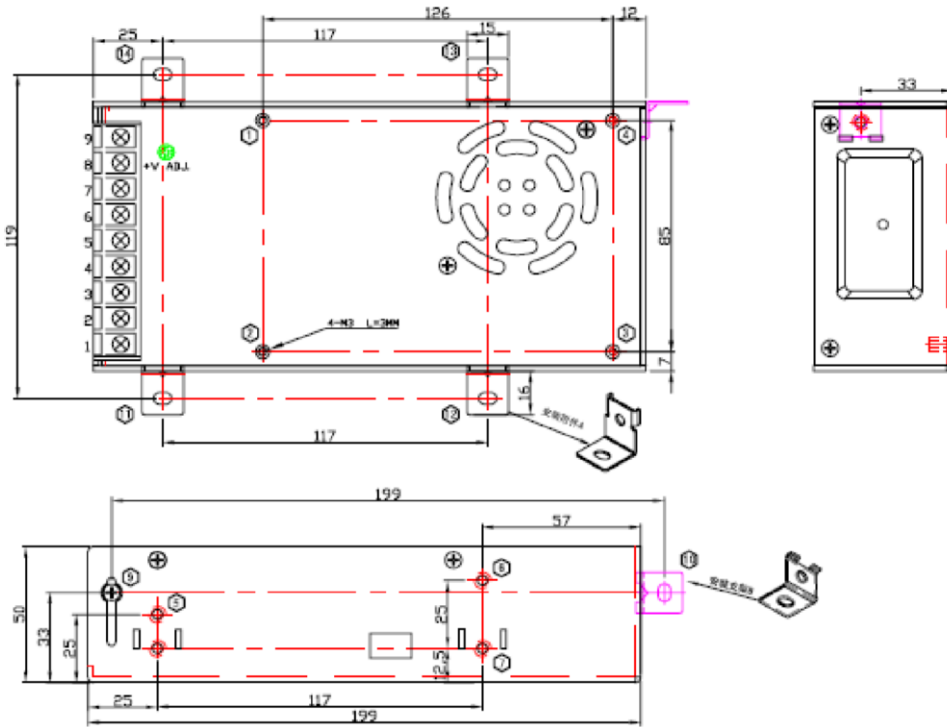


■ SPECIFICATIONN

MODEL		VAT-H300-5	VAT-H350-12	VAT-H350-24		
OUTPUT	DC Output	5V	12V	24V		
	Rated Current	5.00-5.05V	29.17A	14.5A		
	Current Range	Note 1	60A	0~29.17A	0~14.5A	
	Ripple and Noise	Note 2	0~65℃	200mV	180mV	240mV
	Voltage ADJ. Range	±10% of rated output voltage				
	Voltage Accuracy	±2.0%	±1.0%	±1.0%		
	Line Regulation	±0.5%	±0.5%	±0.5%		
	Load Regulation	±2.0%	±1.0%	±1.0%		
	Set-up Time	<2.0S (220Vac input, Full load)				
	Hold up Time	> 10mS(220Vac input, Full load)				
	Temperature Coefficient	±0.03%/℃				
	Overshoot and Undershoot	<5.0%				
INPUT	Voltage Range	176Vac~264Vac				
	Frequency Range	47Hz~63Hz				
	Efficiency (Typical)	79.5%(220Vac input)	83.5%(220Vac input)	86%(220Vac input)		
	AC Current (max.)	4A				
	Inrush Current (Typical)	50A@220Vac Cold start				
	Leakage Current	Input—output:<0.25mA Input—PG:<0.5mA				
PROTECTION	Over Power	05%~150% of rated output power, auto recovery				
	Over Current	05%~150% of rated output current, auto recovery				
	Over Voltage	05%~150% of rated output voltage, auto recovery				
	Shorted Circuit	Long-term mode, auto recovery				
ENVIRONMENT	Operating amb. Temp. & Hum.	-40℃~65℃; 20%~90%RH No condensing				
	Storage Temp. & Hum.	-40℃~85℃; 10%~95%RH No condensing				
SAFETY & EMC Note 3	Safety Standards	GB4943-2001; EN60950-1: 2006				
	Withstand Voltage	Primary-Secondary:3.0KVac; ≤10mA .Primary-PG:1.5KVac; ≤10mA. Secondary-PG:0.5KVDC;≤10mA.				
	Isolation Resistance	≥100M ohms				
	EMI Conduction&Radiation	/				
	Harmonic Current	/				
	EMS Immunity	Compliance to EN61000-4-2,3,4,5,6,8,11;ENV50204,light industry level,criteriaA				
OTHERS	MTBF (MIL-HDBK-217F)	More than 100,000Hrs (25℃, Full load)				
	Dimension (L*W*H)	199×99×50mm				
	Packing	0pcs/carton GW:10.25KGS				
	Cooling method	Fored air cooling				
NOTE	1. All parameters NOT specially mentioned are measured at rated input, rated load and 25 of ambient temperature.℃ 2. Measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1 uF & 10uF parallel capacitor. 3. The SPS is considered a component which will be installed into final equipment. The equipment must be re-confirmed that it still meets EMC directives.					

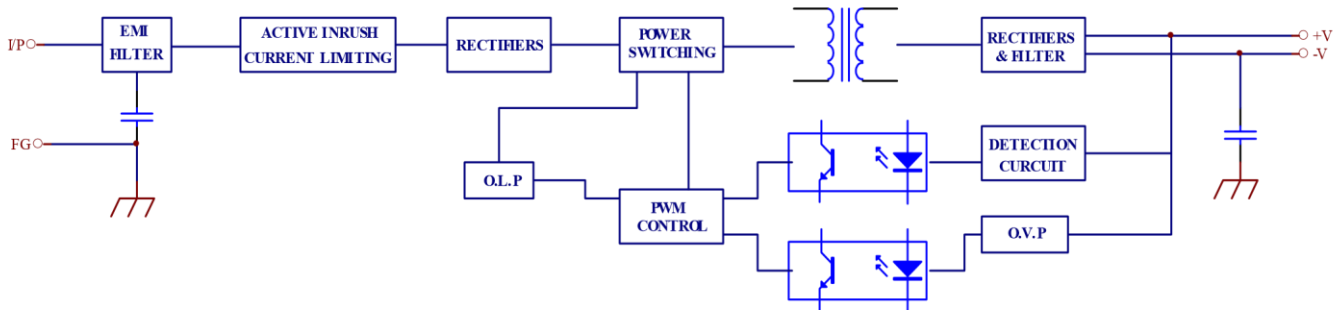
Mechanical Specification

Unit: mm



Pin No.	Assignment
1	AC-L
2	AC-N
3	F.G
4/5/6	DC output -V
7/8/9	DC output +V

Block Diagram



Derating Curve

