


■ Features:

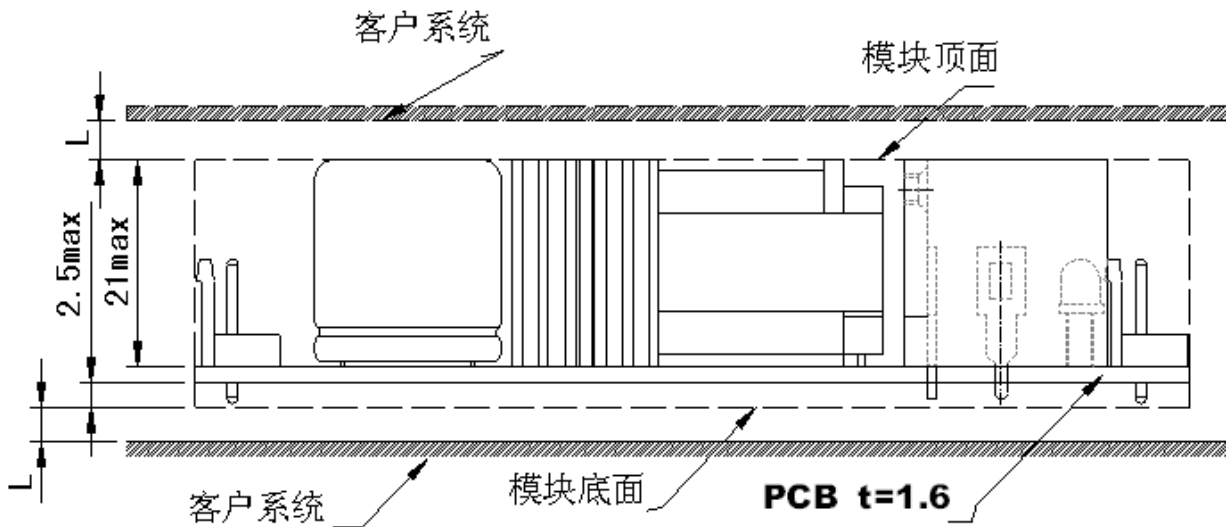
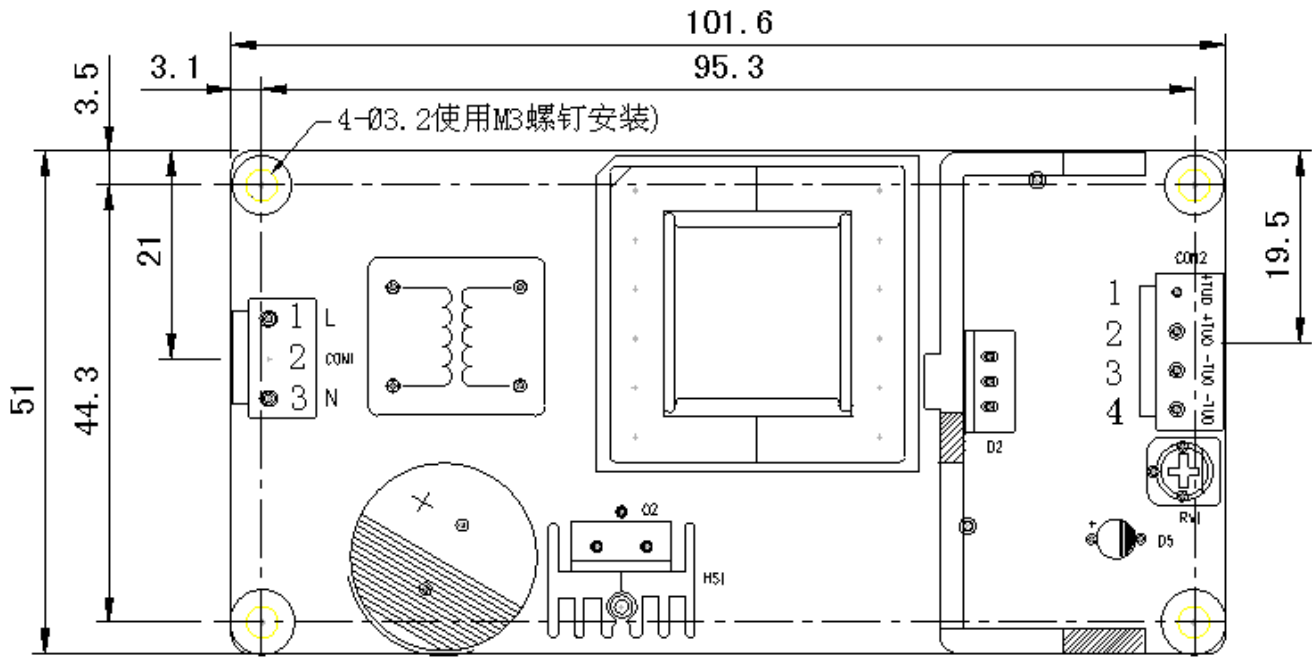
- Universal AC input/ Full range
- High Efficiency, low power consumption
- Output protections: SCP/OVP/ OLP
- Wide operating ambient temperature (-20°C~65°C)
- All using 105°C long life electrolytic capacitors.
- 100% full load burn-in test
- 3 year warranty

SPECIFICATION

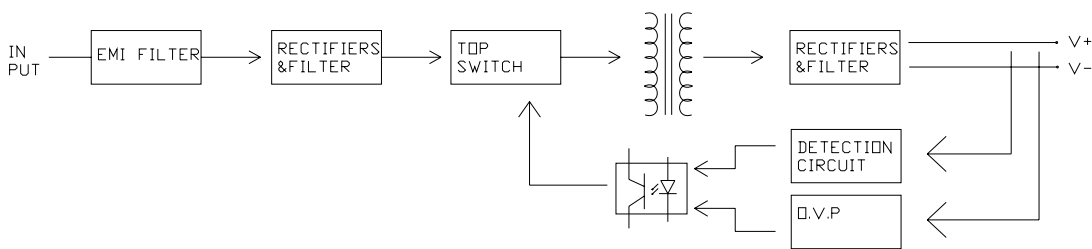
MODEL		PS-35-12	PS-35-24	
OUTPUT	DC Output	12.0V	24.0V	
	Rated Current	3.0A	1.5 A	
	Ripple and Noise Note 2	0~65°C	<120mV	<120mV
		-20°C~0°C	<200mV	<200mV
	Voltage ADJ. Range	11.4~13.2V	22.8~26.4V	
	Voltage Accuracy	±1.0%		
	Line Regulation	±0.5%		
	Load Regulation	±1.0%		
	Set-up Time	≤2.0S @ 115Vac	≤1.0S @ 230Vac	full load
	Hold up Time	≥10mS @ 115Vac	≥20mS @ 230Vac	full load
	Temperature Coefficient	±0.03%/°C		
Overshoot and Undershoot	<5.0%			
INPUT	Voltage Range Note 3	90Vac~264Vac		
	Frequency Range	47Hz-63Hz		
	Efficiency (Typical)	230Vac input	81%	83%
	AC Current (max.)	<1.0A		
	Inrush Current (Typical)	<23A@115Vac <45A@230Vac Cold start		
Leakage Current	Input to Output: ≤ 3.5mA ; Input to PG: ≤ 0.25mA			
PROTECTION	Over Load	105%~180% of rated output current, hiccup mode, auto recovery		
	Over Voltage	115%~135% of rated output voltage, Constant voltage, auto recovery		
	Shorted Circuit	Long-term mode, auto recovery		
ENVIRONMENT	Operating amb. Temp. & Hum.	-20°C~65°C; 20%~90%RH No condensing (refer to the derating curve)		
	Storage Temp. & Hum.	-30°C~85°C; 10%~95%RH No condensing		
SAFETY & EMC (Note 4)	Safety Standards	UL60950-1; EN60950-1: 2006		
	Withstand Voltage	Input-Output:3.0KVac/10mA ; Output-PG: 1.5KVac/10mA;Output-PG: 0.5KVdc/10mA		
	Isolation Resistance	≥100M ohms		
	EMI Conduction&Radiation	Compliance to EN55022 ClassB		
	EMS Immunity	Compliance to EN61000-4-2,3,4,5,6,8,11; heavy industry level		
OTHERS	MTBF (MIL-HDBK-217F)	More than 200,000Hrs (25°C, Full load)		
	Dimension (L*W*H)	101.6×50.8×24mm		
	Packing	60PCS/CTN, 11KGS, 0.024CBM		
	Cooling method	Cooling by free air convection		
NOTE	<ol style="list-style-type: none"> 1. All parameters NOT specially mentioned are measured at rated input, rated load and 25°C 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



■ Block Diagram



■ Derating Curve

