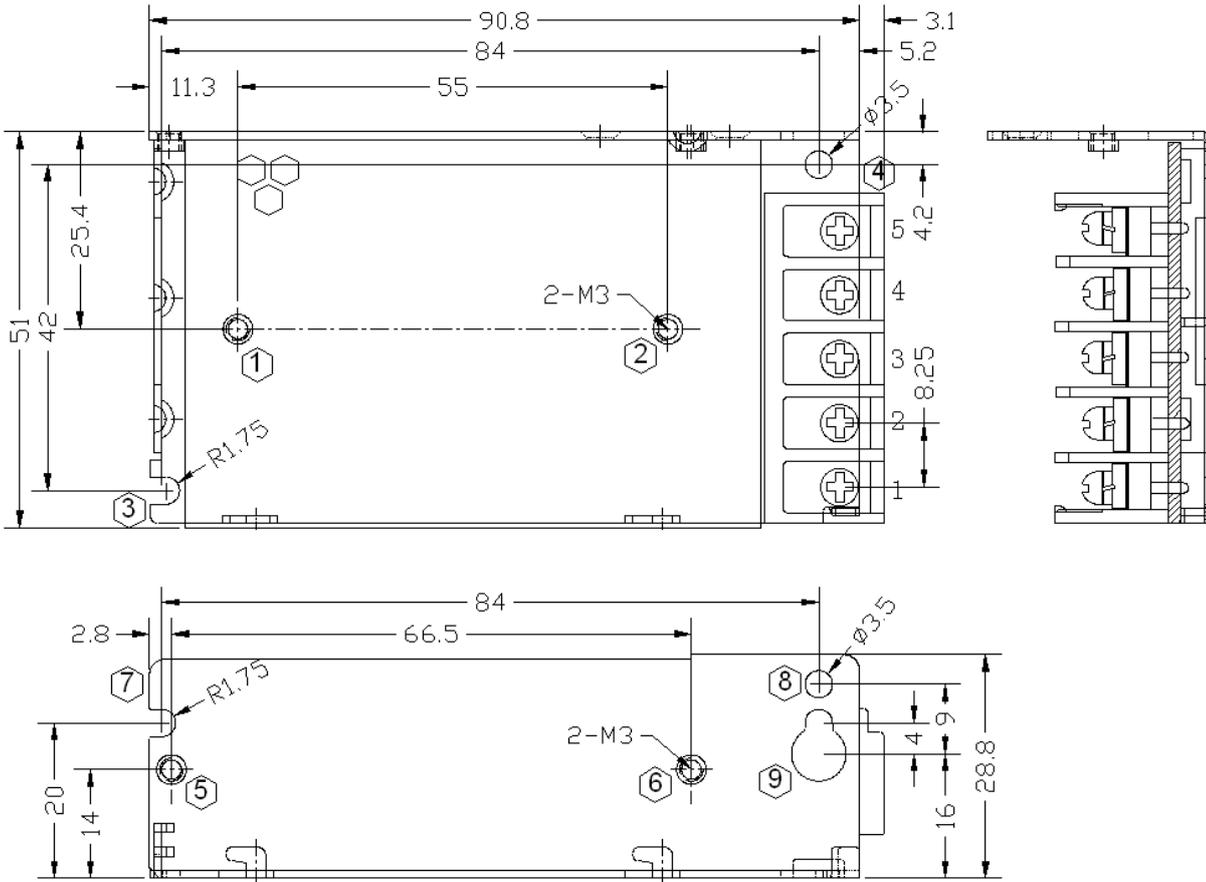

**Features:**

- No Load power consumption<1W
- Universal AC input range (88~264Vac)
- Miniature size, high power density, high efficiency, long life and high reliability
- Output protections: OLP/SCP/OPP/OVP
- Wide operating ambient temp (-20°C~70°C)
- All using 105°C long life electrolytic capacitors.
- 100% full load burn-in test
- Suitable for critical applications
- 3 years warranty

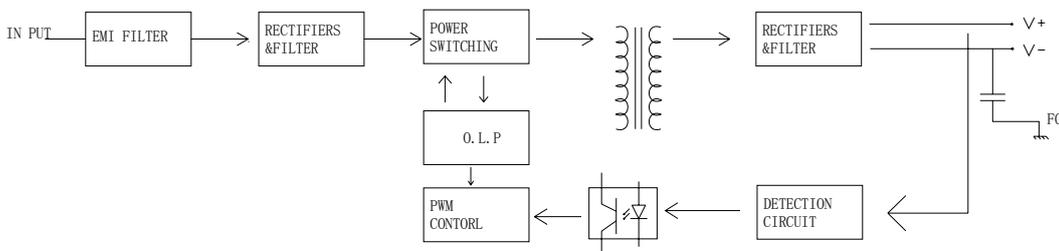
**SPECIFICATION**

<b>MODEL</b>		PD-25-12-Z
<b>OUTPUT</b>	DC Output	12V
	Rated Current	2.1A
	Current Range	0~2.1A
	Ripple and Noise Note 2	-20~70°C <120mV
	Voltage ADJ. Range	11.4~12.6V
	Voltage Accuracy	±2.0%
	Line Regulation	±1.0%
	Load Regulation	±2.0%
	Set-up Time	<2.0S (115Vac input, Full load); <1.0S (230Vac input, Full load)
	Hold up Time	>10mS(115Vac input, Full load); >20mS(230Vac input, Full load)
	Temperature Coefficient	±0.03%/°C
	Overshoot and Undershoot	<5.0%
<b>INPUT</b>	Voltage Range	88Vac~264Vac
	Frequency Range	47Hz~63Hz
	Efficiency ( Typical)	82%
	AC Current (max.)	0.7A
	Inrush Current (Typical)	<20A@115Vac <40A@230Vac Cold start
	Leakage Current	Input—output:<0.25mA Input—PG:<0.75mA
<b>PROTECTION</b>	Over Load	2.2~3.15A, constant power, auto recovery
	Over Power	26.5~37.8W, Constant power, auto recovery
	Over Voltage	12.6~18V, Constant voltage, auto recovery
	Short Circuit	Long-term mode, auto recovery
<b>ENVIRONMENT</b>	Operating amb. Temp. & Hum.	-20°C~70°C; 20%~90%RH No condensing (refer to the derating curve)
	Storage Temp. & Hum.	-40°C~85°C; 10%~95%RH No condensing
<b>SAFETY &amp; EMC</b> Note 3	Safety Standards	EN60950-1
	Withstand Voltage	Primary-Secondary:3.0KVac; ≤10mA .Primary-PG:1.5KVac; ≤10mA. Secondary-PG:0.5KVDC;≤10mA.
	Isolation Resistance	≥100M ohms
	EMC Emission	Compliance to EN55022, EN55024, FCC PART 15 CLASS B
	EMC Immunity	Compliance to EN61000-4-2,3,4,5,6,8,11; heavy industry level
<b>OTHERS</b>	MTBF (MIL-HDBK-217F)	More than 200,000Hrs (25°C, Full load)
	Dimension (L*W*H)	94*51*29mm
	Packing	48PCS/CTN, 10.4KGS, 0.03CBM
	Cooling method	Cooling by free air convection
<b>NOTE</b>	1. All parameters NOT specially mentioned are measured at 230Vac 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**

Derating Curve

