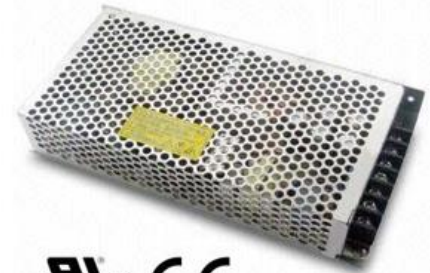


■ Features:

- ✓ AC input selectable by switch (115Vac/230Vac)
- ✓ High Efficiency, and High reliability
- ✓ Output protections: OLP/OVP/SCP
- ✓ Wide operating ambient temperature (-20°C~70°C)
- ✓ All using 105°C long life electrolytic capacitors.
- ✓ 100% full load burn-in test
- ✓ 3 years warranty

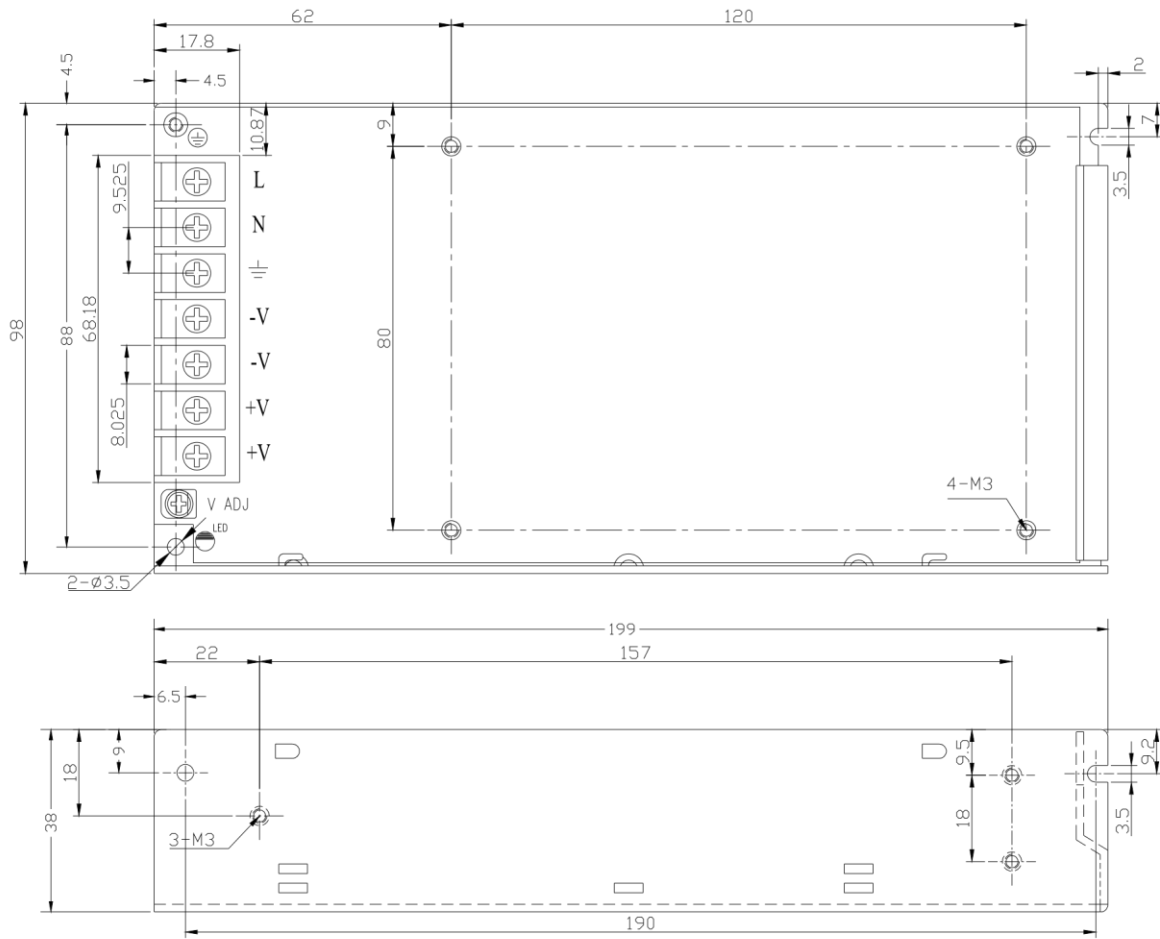


■ SPECIFICATIONN

MODEL		PD-150-5	PD-150-12	PD-150-15	PD-150-24	PD-150-48	
OUTPUT	DC Output	5V	12V	15V	24V	48V	
	Rated Current	26A	12.5A	10A	6.5 A	3.3A	
	Current Range	Note 1	0~26A	0~12.5A	0~10A	0~6.5A	0~3.3A
	Ripple and Noise	0~70°C	80mV	120mV	120mV	120mV	200mV
		-20°C	100mV	150 mV	180 mV	150 mV	300 mV
	Voltage ADJ. Range		4.2V-6.0V	10.0V-14.0V	13.0V-17.0V	21.0V-28.0V	43.0V-54.0V
	Voltage Accuracy		±2.0%	±1.0%	±1.0%	±1.0%	±1.0%
	Line Regulation/		±0.5%	±0.5%	±0.5%	±0.5%	±0.5%
	Load Regulation		±1.0%	±1.0%	±1.0%	±1.0%	±1.0%
	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(0°C~50°C)				
Overshoot and Undershoot		<5.0%					
INPUT	Voltage Range		Note 3				88Vac/176Vac~132Vac/264Vac
	Frequency Range						47Hz~63Hz
	Efficiency (Typical)	115Vac input	78%	83%	83%	84%	85%
		230Vac input	79%	83%	84%	85%	86%
	AC Current (max.)		≤3.5A/2.0A				
	Inrush Current (Typical)		20A@115Vac 40A@230Vac Cold start				
Leakage Current		<0.25mA/115Vac <2.0mA/230Vac					
PROTECTION	Over Load	1	05%~150% of rated output current , hiccup mode,auto recovery				
	Over Voltage	20%~150% of rated output voltage, shut down					
	Short Circuit	Long-term mode, auto recovery					
ENVIRONMENT	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					
SAFETY & EMC (Note 4)	Safety Standards		UL60950-1; 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		Compliance to EN55022(CISPR22)ClassB				
	Harmonic Current		Compliance to EN61000-3-2,-3				
	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°C, Full load)				
	Dimension (L*W*H)		199×98×38mm				
	Packing		20PCS/CTN, G.W:15kgs				
	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 & 47uF parallel capacitor. 3. AC input range selected by switch. 4. 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



Derating Curve

