



### ■ Features:

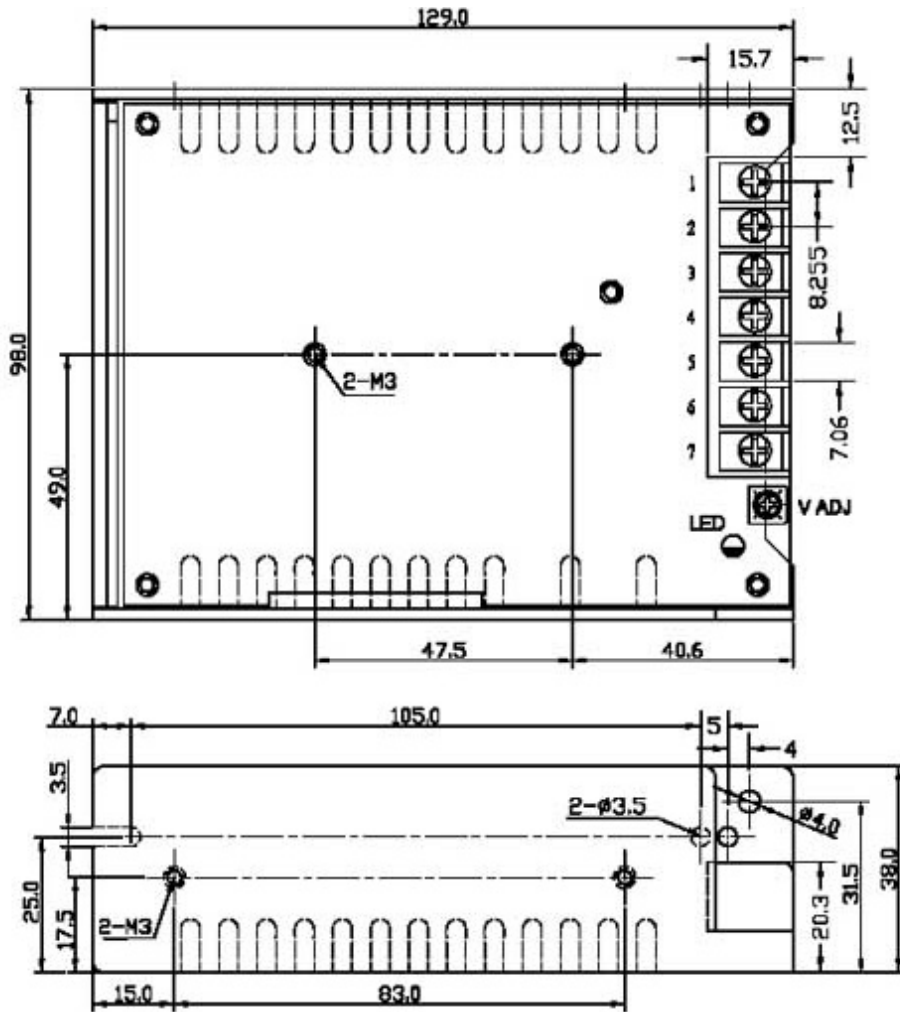
- Universal AC input/Full range
- High Efficiency, and High reliability
- Output protections: SCP/OVP/OPP/OLP
- Wide operating ambient temperature (-10 ~70 °C)
- All using 105 °C long life electrolytic capacitors.
- 100% full load burn-in test
- 2 years warranty

### SPECIFICATION

MODEL	PD-60-5	PD-60-12	PD-60-15	PD-60-24	PD-60-28	PD-60-48	
OUTPUT	DC Output	5V	12V	15V	24V	28V	48V
	Rated Current	10A	5A	4A	2.5A	2.15A	1.25A
	Current Range Note 2	0~10A	0~5A	0~4A	0~2.5A	0~2.15A	0~1.25A
	Ripple and Noise Note 3	50mV	120mV	120mV	120mV	120mV	240mV
	Voltage ADJ. Range	± 5% of rated output voltage					
	Voltage Accuracy	± 2.0%					
	Line Regulation	± 0.5%					
	Load Regulation	± 2.0%					
	Set-up Time	<=2.0S (120Vac input, Full load); <=1.0S (230Vac input, Full load)					
	Hold up Time	>=10mS(120Vac input, Full load); >=20mS(230Vac input, Full load)					
	Temperature Coefficient	± 0.03%/					
	Overshoot and Undershoot	<5.0%					
INPUT	Voltage Range	90Vac~264Vac					
	Frequency Range	47Hz~63Hz					
	Efficiency ( Typical)	74%	79%	80%	80%	80%	83%
	AC Current (max.)	1.60A	1.60A	1.50A	1.50A	1.50A	1.45A
	Inrush Current (Typical)	30A@120Vac; 50A@230Vac Cold start					
	Leakage Current	<3.5mA					
PROTECTION	Over Current	105%~150% of rated output current					
	Over Voltage	110%~140% of rated output voltage					
	Shorted Circuit	Long-term mode, auto recovery					
ENVIRONMENT	Operating amb. Temp. & Hum.	-10 ~70 °C ; 20%-90% RH No condensing					
	Storage Temp. & Hum.	-40 ~85 °C ; 10%-95% RH No condensing					
SAFETY & EMC Note 4	Safety Standards	UL60950-1					
	Withstand Voltage	Primary-Secondary:3.0KVac; Primary-PG:1.5KVac; Secondary-PG:0.5KVDC					
	Isolation Resistance	100M ohms					
	EMC standards	EN55022 Class B;EN-61000-3-2,3,EN61000-4-2,3,4,5,6,8,11,ENV50204,EN61000-6-2					
OTHERS	MTBF (MIL-HDBK-217F)	100,000Hrs (25 °C , Full load)					
	Dimension (L*W*H)	129* 98*38mm					
	Connection	7P/8.255mm terminal block					
	Cooling method	Cooling by free air convection					
NOTE	<ol style="list-style-type: none"> <li>All parameters NOT specially mentioned are measured at rated input, rated load and 25 °C of ambient temperature.</li> <li>De-rating according to operating ambient temperature, Please check the de-rating curve for more details information.</li> <li>Measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1 uF &amp; 47uF parallel capacitor.</li> <li>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.</li> </ol>						

■ Mechanical Specification

Unit: mm



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

■ Output load V.S. Ambient Temperature

