



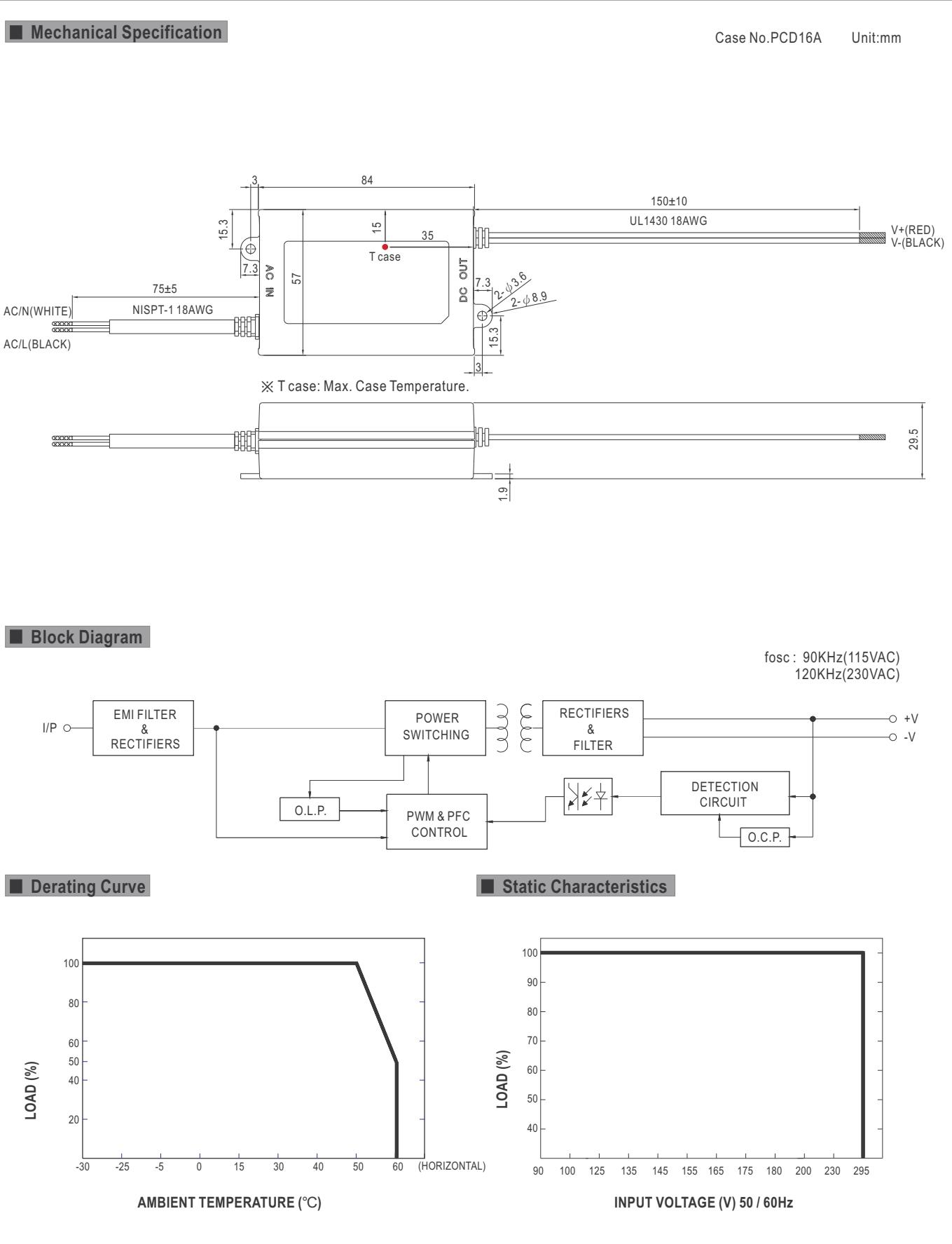
■ Features :

- Universal AC input / Full range (up to 295VAC)
- Built-in active PFC function
- Constant current design
- Protections: Short circuit / Over temperature
- Cooling by free air convection
- Fully isolated plastic case
- Class 2 Power Unit
- Class II power unit, no FG
- IP42 design
- Suitable for LED related fixture or appliance (such as LED Decoration or Advertisement devices)
- 100% full load burn-in test
- Low cost
- High reliability
- Suitable for dry / damp locations
- 3 years warranty



SPECIFICATION

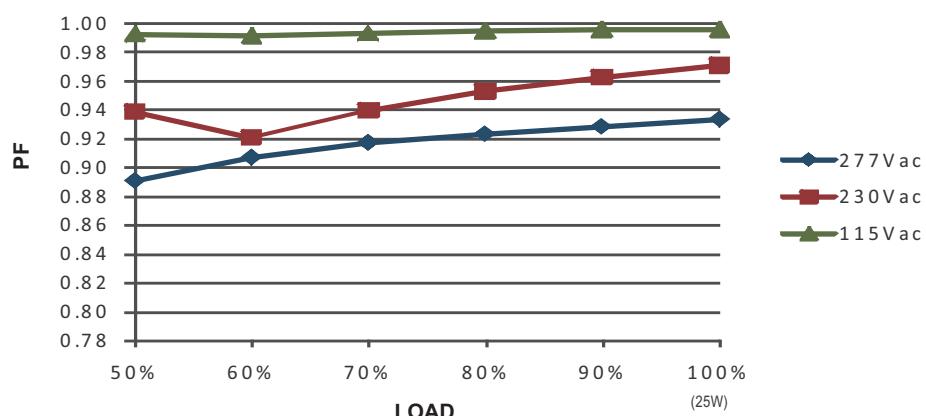
MODEL	PLD-25-350	PLD-25-700	PLD-25-1050	PLD-25-1400		
OUTPUT	RATED CURRENT	350mA	700mA	1050mA		
	OPERATING VOLTAGE RANGE	40 ~ 58V	24 ~ 36V	16 ~ 24V		
	CURRENT ACCURACY	±5.0%				
	RATED POWER	20.3W	25.2W	25.2W		
	RISSLE & NOISE (max.) Note.1	4.6Vp-p	2.7Vp-p	2.2Vp-p		
	NO LOAD OUTPUT VOLTAGE (max.)	60V	50V	35V		
	SETUP TIME	500ms / 230VAC	2000ms / 115VAC at full load			
INPUT	VOLTAGE RANGE	90 ~ 295VAC	127 ~ 417VDC			
	FREQUENCY RANGE	47 ~ 63Hz				
	POWER FACTOR (Typ.)	PF>0.98/115VAC, PF>0.92/230VAC, PF>0.91/277VAC at full load (Please refer to "Power Factor Characteristic" curve)				
	TOTAL HARMONIC DISTORTION	THD< 20% when output loading≥70% at 115VAC/230VAC input and output loading≥80% at 277VAC input				
	EFFICIENCY (Typ.)	85%	86%	85%		
	AC CURRENT (Typ.)	0.6A/115VAC	0.3A/230VAC	0.2A/277VAC		
	INRUSH CURRENT(Typ.)	COLD START 25A(width=75μs measured at 50% Ipeak) at 230VAC				
	MAX. No. of PSUs on 16A CIRCUIT BREAKER	72 units (circuit breaker of type B) / 80 units (circuit breaker of type C) at 230VAC				
PROTECTION	LEAKAGE CURRENT	<0.5mA / 240VAC				
	SHORT CIRCUIT	Hiccup mode, recovers automatically after fault condition is removed.				
	OVER TEMPERATURE	Shut down o/p voltage, re-power on to recover				
ENVIRONMENT	WORKING TEMP.	-30 ~ +60°C (Refer to "Derating Curve")				
	WORKING HUMIDITY	20 ~ 95% RH non-condensing				
	STORAGE TEMP., HUMIDITY	-40 ~ +80°C, 10 ~ 95% RH				
	TEMP. COEFFICIENT	±0.03%/°C (0 ~ 50°C)				
	VIBRATION	10 ~ 500Hz, 2G 12min./1cycle, period for 72min. each along X, Y, Z axes				
SAFETY & EMC	SAFETY STANDARDS	UL8750, CSA C22.2 No. 250.0-08, ENEC BS EN/EN 61347-1, BS EN/EN 61347-2-13 independent, BS EN/EN 62384, EAC TP TC 004, IP42 approved ; design refer to UL60950-1				
	WITHSTAND VOLTAGE	I/P-O/P:3.75KVAC				
	ISOLATION RESISTANCE	I/P-O/P:100M Ohms / 500VDC / 25°C/ 70% RH				
	EMC EMISSION	Compliance to BS EN/EN55015, BS EN/EN61000-3-2 Class C (≤75% load) ; BS EN/EN61000-3-3, FCC part 18 non-consumer equipment, EAC TP TC 020				
OTHERS	EMC IMMUNITY	Compliance to BS EN/EN61000-4-2,3,4,5,6,8,11, BS EN/EN55024,BS EN/EN61547, light industry level, criteria A, EAC TP TC 020				
	MTBF	968.6Khrs min. MIL-HDBK-217F (25°C)				
	DIMENSION	84*57*29.5mm (L*W*H)				
NOTE	PACKING	0.19Kg; 72pcs/14.7Kg/0.75CUFT				
	1. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitor. 2. Direct connecting to LEDs is suggested, but is not suitable for using additional drivers. 3. To fulfill requirements of the latest ErP regulation for lighting fixtures, this LED power supply can only be used behind a switch without permanently connected to the mains. 4. The ambient temperature derating of 3.5°C/1000m with fanless models and of 5°C/1000m with fan models for operating altitude higher than 2000m(6500ft). 5. For any application note and IP water proof function installation caution, please refer our user manual before using. https://www.meanwell.com/Upload/PDF/LED_EN.pdf					
╳ Product Liability Disclaimer : For detailed information, please refer to https://www.meanwell.com/serviceDisclaimer.aspx						





25W Single Output LED Power Supply

PLD-25 series

■ Power Factor Characteristic**Constant Current Mode****■ EFFICIENCY vs LOAD (PLD-25-700)**

PLD-25 series possess superior working efficiency that up to 86% can be reached in field applications.

