

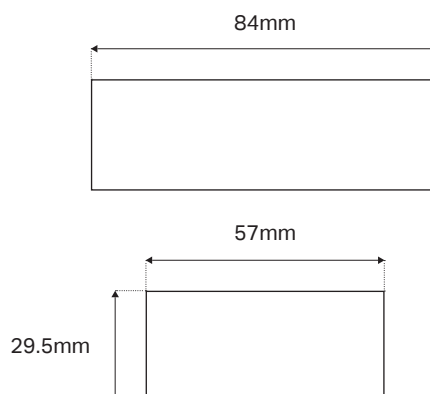
ORLRPV350-35-APC

ITEM NO. DRIVER - 15230

Features

- Constant current mode power supply
- Universal AC input / Full range
- Withstand 300 VAC Surge input for 5 seconds
- Protections: Short circuit / Over voltage
- Small and compact size with fully isolated plastic case
- Cooling by free air convection
- IP42 design
- 100% full load burn-in test
- Suitable for LED related fixture or appliance (such as LED Decoration or Advertisement devices)
- Low cost / High reliability
- 2 year warranty

Dimension



Technical Specification

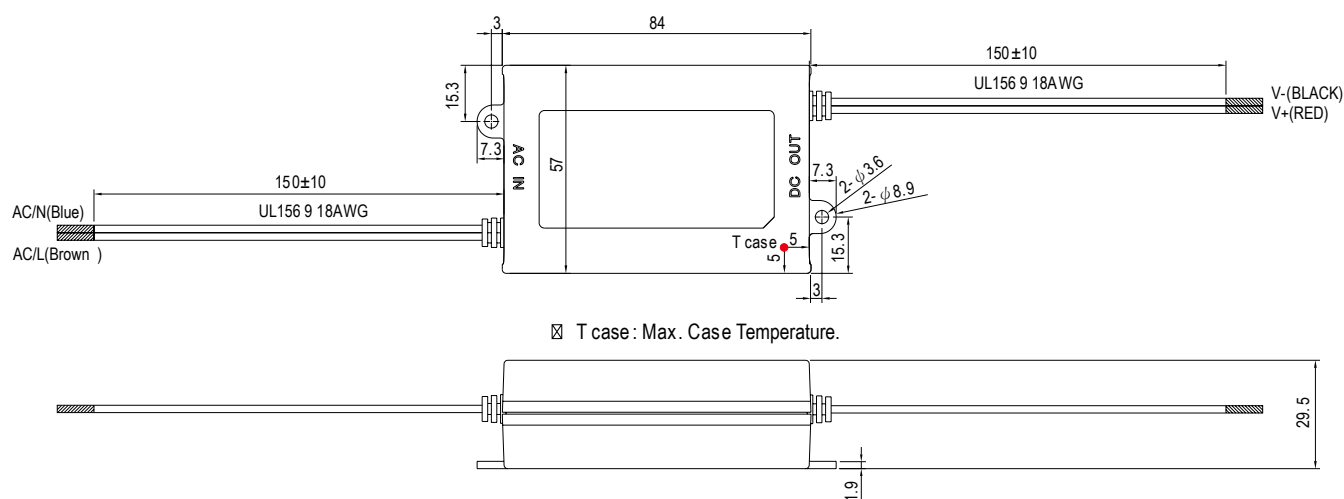
Model		ORLRPV350-35-APC
Output	Rated Current	350mA
	DC Voltage Range	28~100V
	Rated Power	35W
	Current Ripple	5.0%
	Current Accuracy	±8.0%
	Setup, Rise Time	1500ms, 40ms / 230VAC 1500ms, 40ms / 115VAC at full load
	Hold Up Time (Typ.)	20ms/230VAC 12ms/115VAC at full load
Input	Voltage Range (note .2)	90 ~ 264VAC 127 ~ 370VDC
	Frequency Range	47 ~ 63Hz
	Efficiency (Typ.)	84%
	AC Current	0.5A/230VAC;0.75A/115VAC
	Inrush Current (Typ.)	COLD START 45A(twidth=490μs measured at 50% Ipeak) at 230VAC
	Max. No. of PSUs on 16A Circuit Breaker	5 units (circuit breaker of type B) / 9 units (circuit breaker of type C) at 230VAC
	Leakage Current	0.25mA / 240VAC
Protection	Over Voltage	110 ~ 130V
		Protection type : Shut down o/p voltage, re-power on to recover
Environment	Working Temp.	-30 ~ 70°(Refer to "Derating Curve")
	Working Humidity	20 ~ 90% RH non-condensing
	Storage Temp., Humidity	-40 ~ +80°, 10 ~ 95% RH
	Temp. Coefficient	±0.2%/° (0 ~ 50°)
	Vibration	10 ~ 500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes

Technical Specification Continued

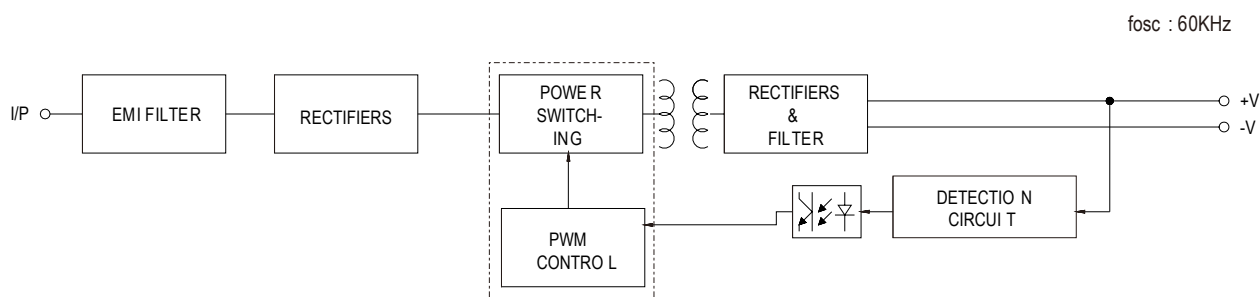
Safety & EMC (Note .5)	Safety Standards	UL8750 (only for APC-35-700&1050), CSA-C22.2 No. 250.0-13 (only for APC-35-1050), BIS IS15885(only for APC-35-700&1050), EAC TP TC 004,IP42, BS EN/EN 62368-1 approved
	Withstand Voltage	I/P-O/P:3KVAC
	Isolation Resistance	I/P-O/P:>100M Ohms / 500VDC / 25°/ 70% RH
	EMC Emission	Compliance to BS EN/EN55032,BS EN/EN61000-3-2 Class A,BS EN/EN61000-3-3, EAC TP TC 020
	EMC Immunity	Compliance to BS EN/EN55035,BS EN/EN61000-4-2,3,4,5,6,8,11; light industry level(surge 2KV), EAC TP TC 020
Others	MTBF	4955.9K hrs min. Telcordia SR-332 (Bellcore) ; 550.4K hrs min. MIL-HDBK-217F (25°)
	Dimension	84 x 57 x 29.5 mm
	Packing	0.18Kg; 72pcs/14Kg/0.92CUFT
Note	1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25° of ambient temperature. 2. Derating may be needed under low input voltage. Please check the static characteristic for more details. 3. The power supply is considered as a component that will be operated in combination with final equipment. Since EMC performance will be affected by the complete installation, the final equipment manufacturers must re-qualify EMC Directive on the complete installation again. 4. The ambient temperature derating of 3.5°/1000m with fanless models and of 5°/1000m with fan models for operating altitude higher than 2000m(6500ft).	

Mechanical Specification

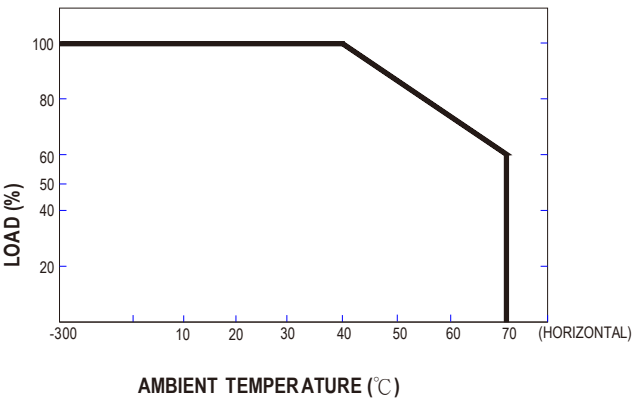
Case No.PCD16A Unit:mm



Block Diagram



Derating Curve



Static Characteristics

