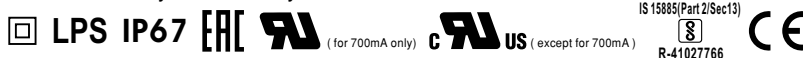




■ Features :

- Constant current design
- Universal AC input / Full range
- Withstand 300VAC surge input for 5 seconds
- Protections: Short circuit / Over voltage
- Cooling by free air convection
- Fully encapsulated with IP67 level (Note.8)
- Fully isolated plastic case
- Class II power unit, no FG
- Class 2 power unit
- Pass LPS
- Suitable for LED related fixture or appliance (such as LED Decoration or Advertisement devices)(Note.7)
- 100% full load burn-in test
- Low cost, high reliability
- 2 years warranty


 (for 700mA only) c  US (except for 700mA) 

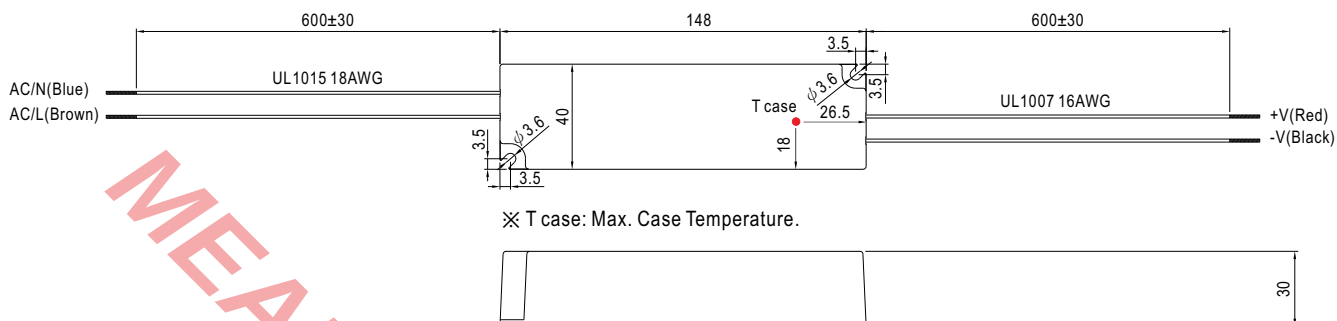
SPECIFICATION

MODEL	LPC-35-700	LPC-35-1050	LPC-35-1400
OUTPUT	RATED CURRENT	700mA	1050mA
	DC VOLTAGE RANGE	9 ~ 48V	9 ~ 30V
	RATED POWER	33.6W	31.5W
	RIPPLE & NOISE (max.) Note.2	200mVp-p	200mVp-p
	VOLTAGE TOLERANCE Note.3	±5.0%	±5.0%
	CURRENT ACCURACY	±5.0%	±5.0%
	LINE REGULATION	±1.0%	±1.0%
	LOAD REGULATION	±2.0%	±2.0%
INPUT	SETUP, RISE TIME Note.6	500ms, 120ms / 230VAC	500ms, 120ms / 115VAC at full load
	HOLD UP TIME (Typ.)	50ms/230VAC	16ms/115VAC at full load
	VOLTAGE RANGE Note.4	90 ~ 264VAC	127 ~ 370VDC
	FREQUENCY RANGE	47 ~ 63Hz	
	EFFICIENCY (Typ.)	85%	
	AC CURRENT (Typ.)	1.1A/115VAC	0.7A/230VAC
	INRUSH CURRENT(Typ.)	COLD START 55A(twidth=500μs measured at 50% Ipeak) at 230VAC	
	MAX. No. of PSUs on 16A CIRCUIT BREAKER	4 units (circuit breaker of type B) / 7 units (circuit breaker of type C) at 230VAC	
PROTECTION	OVER VOLTAGE	50.4 ~ 60V	31.5 ~ 40.5V
		Protection type : Shut off o/p voltage, clamping by zener diode	
ENVIRONMENT	WORKING TEMP.	-30 ~ +70°C (Refer to "Derating Curve")	
	WORKING HUMIDITY	20 ~ 90% RH non-condensing	
	STORAGE TEMP., HUMIDITY	-40 ~ +80°C, 10 ~ 95% RH	
	TEMP. COEFFICIENT	±0.03%/°C (0 ~ 50°C)	
SAFETY & EMC	VIBRATION	10 ~ 500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes	
	SAFETY STANDARDS	UL1310, CAN/CSA C22.2 No. 223-M91(except for LPC-35-700), BIS IS15885, EAC TP TC 004, IP67 approved ; design refer to TUV EN60950-1	
	WITHSTAND VOLTAGE	I/P-O/P:3KVAC	
	ISOLATION RESISTANCE	I/P-O/P:>100M Ohms / 500VDC / 25°C/ 70% RH	
OTHERS	EMC EMISSION	Compliance to EN55032 (CISPR32) Class B, EN61000-3-2 Class A, EN61000-3-3, EAC TP TC 020	
	EMC IMMUNITY	Compliance to EN61000-4-2,3,4,5,6,8,11, EN55024, light industry level, criteria A, EAC TP TC 020	
NOTE	MTBF	743.5Khrs min. MIL-HDBK-217F (25°C)	
	DIMENSION	148*40*30mm (L*W*H)	
	PACKING	0.34Kg; 40pcs/14.6Kg/0.63CUFT	

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■ Mechanical Specification

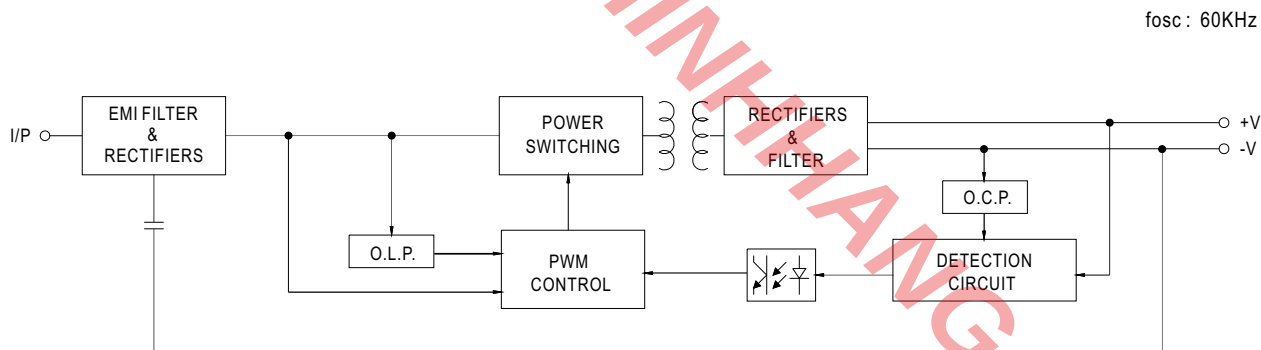
Case No. 975A Unit:mm



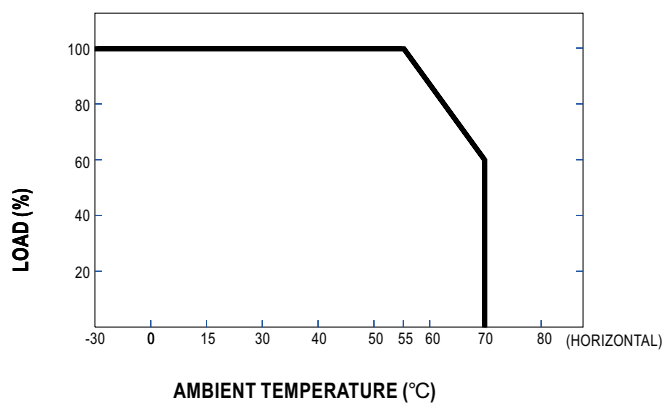
■ Recommend Mounting Direction



■ Block Diagram



Derating Curve



■ Static Characteristics

