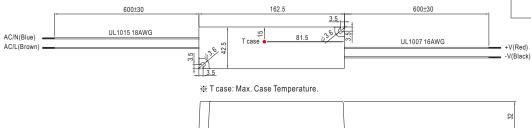
40071: CONVERTER 230V LED 24V 60VA IP67

Features:

- Constant voltage design
- Universal AC input / Full range
- Withstand 300VAC surge input for 5 seconds
- Protections: Short circuit / Overload / Over voltage
- · Cooling by free air convection
- Fully encapsulated with IP67 level (Note.8)
- Fully isolated plastic case
- Class 2 power unit
- Pass LPS
- Suitable for LED lighting and moving sign applications (Note.7)
- 100% full load burn-in test
- · Low cost, high reliability
- 2 years warranty



SPECIFICATION

	LPS	IP67	51 (for 48V only)	
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MODEL					LPV-60-24					
OUTPUT	DC VOLTAGE	5V	12V	15V	24V	36V	48V			
	RATED CURRENT	8A	5A	4A	2.5A	1.67A	1.25A			
	CURRENT RANGE	0 ~ 8A	0 ~ 5A	0 ~ 4A	0 ~ 2.5A	0 ~ 1.67A	0 ~ 1.25A			
	RATED POWER	40W	60W	60W	60W	60W	60W			
	RIPPLE & NOISE (max.) Note.2	80mVp-p	120mVp-p	120mVp-p	150mVp-p	150mVp-p	150mVp-p			
	VOLTAGE TOLERANCE Note.3	±8.0% ±5.0%								
	LINE REGULATION	±1.0%								
	LOAD REGULATION	±6.0% ±2.0%								
	SETUP, RISE TIME Note.6	500ms, 20ms / 230VAC 500ms, 20ms / 115VAC at full load(for 5~36V); 500ms, 30ms / 230VAC 500ms, 30ms / 115VAC at full load(for 48								
	HOLD UP TIME (Typ.)	50ms/230VAC 16ms/115VAC at full load								
INPUT	VOLTAGE RANGE Note.4	90 ~ 264VAC 127 ~ 370VDC								
	FREQUENCY RANGE	47 ~ 63Hz								
	EFFICIENCY (Typ.)	76%	83%	83%	86%	86%	86%			
	AC CURRENT (Typ.)	1.2A/115VAC 1A	/230VAC							
	INRUSH CURRENT(max.)	COLD START 60A(t	COLD START 60A(twidth=525/4s measured at 50% Ipeak) at 230VAC							
	LEAKAGE CURRENT	0.25mA/240VAC								
	01/501 0 4 0	110 ~ 150% rated output power								
	OVERLOAD	Protection type: Hiccup mode, recovers automatically after fault condition is removed								
PROTECTION		5.75 ~ 6.75V	13.8 ~ 16.2V	17.25 ~ 20.25V	27.6 ~ 32.4V	41.4 ~ 48.6V	55.2 ~ 64.8V			
	OVER VOLTAGE	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°C, 10 ~ 95% RH								
	TEMP. COEFFICIENT	±0.03%/°C (0~50°C)								
	VIBRATION	10 ~ 500Hz, 2G 10n	10 ~ 500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes							
SAFETY &		UL879(except for LPV-60-5), UL1310(except for LPV-60-5), CSA C22.2 No. 207-M89(except for LPV-60-5, LPV-60-48),								
	SAFETY STANDARDS	CAN/CSA C22.2 No. 223-M91(except for LPV-60-5,LPV-60-48), IP67 approved; design refer to TUV EN60950-1								
	WITHSTAND VOLTAGE	I/P-O/P:3KVAC								
EMC	ISOLATION RESISTANCE	I/P-O/P:>100M Ohms / 500VDC / 25°C / 70% RH								
	EMC EMISSION	Compliance to EN55022 (CISPR22) Class B, EN61000-3-2 Class A, EN61000-3-3								
	EMC IMMUNITY	Compliance to EN61000-4-2,3,4,5,6,8,11, EN55024, light industry level, criteria A								
OTHERS	MTBF	732Khrs min. MIL-HDBK-217F (25°C)								
	DIMENSION	162.5*42.5*32mm (L*W*H)								
	PACKING	0.4Kg; 32pcs/13.8Kg/0.56CUFT								
NOTE	Ripple & noise are measure Tolerance: includes set up Derating may be needed ur The power supply is consid complete installation, the fif Length of set up time is me	ly mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature. 2 at at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitor. 3 tolerance, line regulation and load regulation. 4 der low input voltage. Please check the static characteristics for more details. 5 ered as a component that will be operated in combination with final equipment. Since EMC performance will be affected by the all equipment manufacturers must re-qualify EMC Directive on the complete installation again. 5 assured at first cold start. Turning ON/OFF the power supply may lead to increase of the set up time. 5 lee for lighting applications in EU countries. Please check with your local authorities for the possible use of the unit.								

7. The unit might not be suitable for lighting applications in EU countries. Please check with your local authorities for the possible use of the unit.

8. Suitable for indoor use or outdoor use without direct sunlight exposure. Please avoid immerse in the water over 30 minute.