





- Features . Features: Universal AC input / Full range Withstand 300VAC surge input for 5 seconds Protections: Short circuit / Over load / 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)
- 00% full load burn-in test
- ow cost, high reliability
 over years warranty

MODEL		LPV-60-5	LPV-60-12	LPV-60-15	LPV-60-24	LPV-60-36	LPV-60-48
	DC VOLTAGE	5V	12V	15V	24V	36V	48V
OUTPUT	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	1011	120mVp-p	120mVp-p	150mVp-p	150mVp-p	150mVp-p
	VOLTAGE TOLERANCE Note.3	• • •	±5.0%	12011111111	Toom p	Toomvpp	100mpp
	LINE REGULATION	±1.0%					
	LOAD REGULATION	±6.0% ±2.0%					
		5 500ms, 20ms / 230VAC 500ms, 20ms / 115VAC at full load(for 5~36V) : 500ms, 30ms / 230VAC 500ms, 30ms / 115VAC at full load(for 4					
	HOLD UP TIME (Typ.)	50ms/230VAC 16ms/115VAC at full load					
INPUT	() ()	4 90 ~ 264VAC 127 ~ 370VDC					
	FREQUENCY RANGE	47 ~ 63Hz					
	EFFICIENCY (Typ.)	76%	83%	83%	86%	86%	86%
	AC CURRENT (Typ.)		/230VAC	0076	0078	0076	0076
	INRUSH CURRENT(Typ.)	COLD START 60A(twidth=525µs measured at 50% lpeak) at 230VAC					
	() ,	OCLO OTALLI GOALLIMIGLI II-DZOJIS II RASULEU AL 30 /0 I pearly al 200 VAO					
	MAX. No. of PSUs on 16A CIRCUIT BREAKER	3 units (circuit breaker of type B) / 6 units (circuit breaker of type C) at 230VAC					
	LEAKAGE CURRENT	0.25mA / 240VAC					
PROTECTION	OVERLOAD	110 ~ 150% rated output power					
	OVERTEOND	Protection type: Hiccup mode, recovers automatically after fault condition is removed					
	OVED VOLTAGE	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: Sh	iut down o/p voltage	, re-power on to recov	/er		
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)					
	VIBRATION	10 ~ 500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes					
	0.4.FET (0.T.4.4.D.4.D.D.0	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& EMC	SAFETY STANDARDS	CAN/CSA C22.2 No. 223-M91 (except for LPV-60-5, LPV-60-48), IP67, IEC60950-1:2005+A2:2013 approved; design refer to TUV EN60950-1:2005+A2:2013 approved;					
	WITHSTAND VOLTAGE	I/P-O/P:3KVAC					
	ISOLATION RESISTANCE	I/P-O/P:>100MOhms / 500VDC / 25°C / 70% RH					
	EMC EMISSION	Compliance to EN55032 (CISPR32) 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					
	MTBF	732Khrs min. MIL-HDBK-217F (25°C)					
I		162.5*42.5*32mm(L*W*H)					
OTHERS	DIMENSION	162.5 42.5 32111111	L VV I I)				

- 4. Derating may be needed under low input voltage. Please check the static characteristics for more details.
- 4. Detauring may be meeted under low input voitage. Prease check the static characteristics for more details.
 5. 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.
 6. Length of set up time is measured at first cold start. Turning ON/OFF the power supply may lead to increase of the set up time.
 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.



