

(BROWN) IN PUT	 OUTPUT: 121 	40VAC, 0.35A, 47/6.	tc	ndLnO (RED) v4te 00 ann (BLACK)	DC OUT

Features :

- Constant voltage mode power supply
- 200-240V AC input only
- Fully encapsulated with IP67 level
- Protections: Short circuit/Over Voltage
- Small and compact size
- Class 2 power unit
- 100% full load burn-in test
- Suitable for LED lighting and moving sign applications
- 2 years warranty

MODEL		LV60-12E	LV60-24E		
OUTPUT	DC VOLTAGE	12V	24V		
	RATED CURRENT	5.0A	2.5A		
	CURRENT RANGE	0~5.0A	0~2.5A		
	RATED POWER	60W	60W		
	RIPPLE & NOISE (max.)	100mVp-p	200mVp-p		
	VOLTAGE TOLERANCE	±3.0%			
	LINE REGULATION	$\pm 1.0\%$			
	LOAD REGULATION	$\pm 2.0\%$			
	SETUP, RISE TIME	500ms,250ms/240VAC 500ms			
	HOLD UP TIME (Typ.)	50ms/240VAC at full load			
INPUT	VOLTAGE RANGE	200-240VAC			
	FREQUENCY RANGE	47~63Hz			
	EFFICIENCY(Typ.)	82% full load	84% full load		
	AC CURRENT	0.35A/240VAC			
	INRUSH CURRENT (max.)	COLD STAT 70A/240VAC			
	LEAKAGE CURRENT	0.25mA/240VAC			
PROTECTION	SHORT CIRCUIT	Protection type: Hiccup mode, recovers automatically after fault condition is removed.			
	OVER VOLTAGE	Above 13-20V	Above 25-36V		
ENVIRONMENT	WORKING TEMP.	-10~50°C			
	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			
SAFETY & EMC	SAFETY STANDARDS	Design refer to UL1310 Class 2, TUV EN62368-1, EN61347-2-13, CAN/CSA C22.2 No. 223-M91, meet IP67			
	WITHSTAND VOLTAGE	I/P-O/P:3KVAC			
	ISOLATION RESISTANCE	I/P-O/P:>100M Ohms / 500VDC / 25~70%	I/P-O/P:>100M Ohms / 500VDC / 25~70% RH		
	EMI CONDUCTION & RADIATION	Compliance to EN55032:2015+A11:2020	Compliance to EN55032:2015+A11:2020		
	DIMENSION	148*32*28mm (L*W*H)			

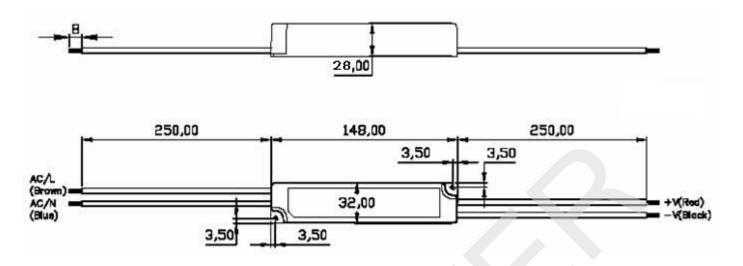
SPECIFICATION:



60W Single Output Constant Voltage

LV60-XXE Series

Mechanical Specification



Block Diagram

