



Features :

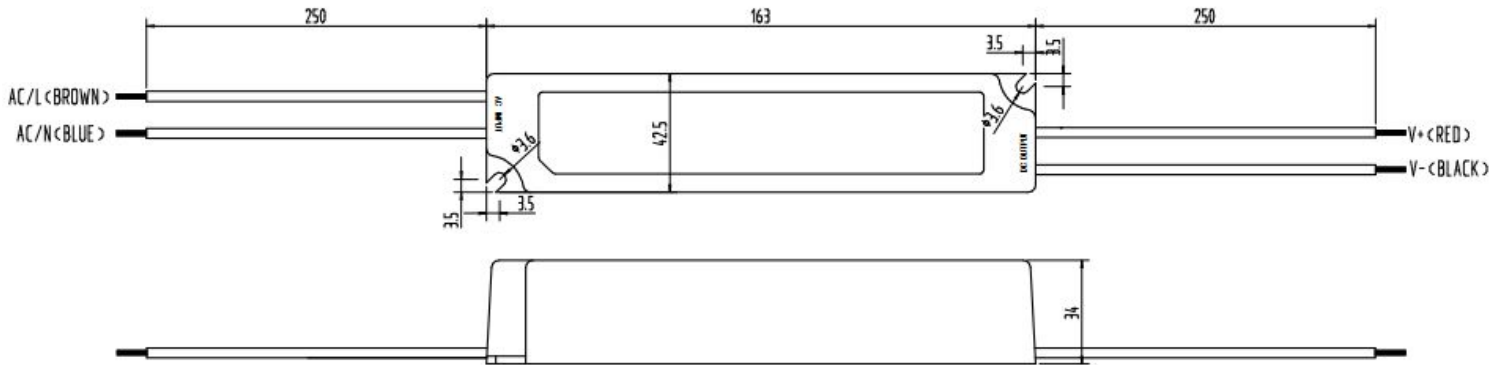
- Constant current mode power supply
- Universal AC input / Full range
- Fully encapsulated with IP67 level
- Protections: Short circuit / Over current
- Built-in active PFC function
- Small and compact size
- Class II power unit, no FG
- 100% full load burn-in test
- Suitable for LED lighting and moving sign applications
- Damp / wet location outdoor application
- 3 years warranty

SPECIFICATION:

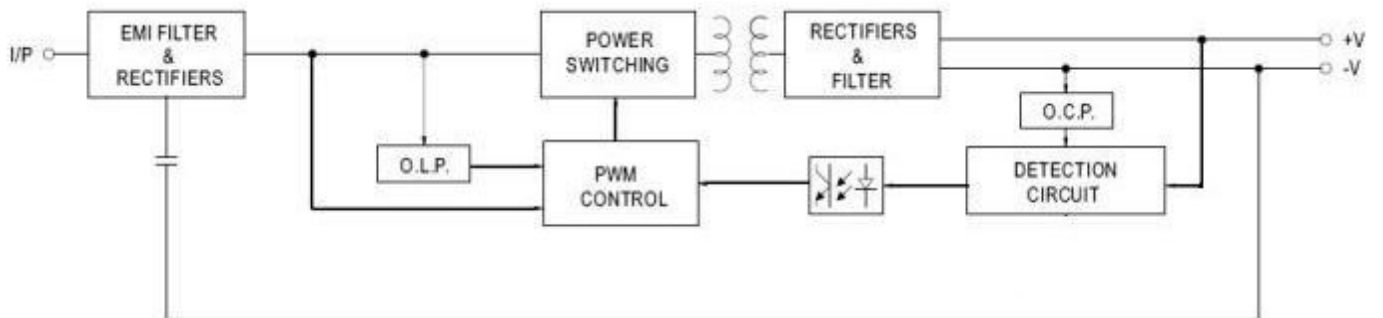
MODEL		LA60P-700	LA60P-1050	LA50P-1400	LA60P-1750	LA60P-2100	
OUTPUT	DC VOLTAGE	80V	60V	42V	36V	20V	
	CONSTANT CURRENT REGION	40-80V	30-60V	20-42V	18-36V	16-30V	
	RATED CURRENT	700 mA	1050 mA	1400 mA	1750 mA	2100 mA	
	CURRENT ACCURACY	±5%	±5%	±5%	±5%	±5%	
	RATED POWER	56W	63W	58.8W	63W	63W	
	SETUP,RISE TIME	1500ms,250ms/230VAC 3000ms,250ms/115ac at full load					
INPUT	VOLTAGE RANGE	100 ~ 240VAC					
	FREQUENCY RANGE	47~63Hz					
	POWER FACTOR	PF>0.9/230VAC PF>0.95/115VAC at full load					
	EFFICIENCY(Typ.)	89%	88%	87%	86%	86%	
	AC CURRENT(at full load)	1.2A/115AC 0.6A/240AC					
	INRUSH CURRENT (max.)	COLD START 40A/230VAC					
	LEAKAGE CURRENT	<0.5mA / 240VAC					
PROTECT ON	OVER CURRENT	110 ~ 130%					
	SHORT CIRCUIT	Protection type : Constant current limiting, recovers automatically after fault condition is removed					
	OVER VOLTAGE	hiccup mode, recovers automatically after fault condition is removed					
ENVIRONMENT	WORKING TEMP.	130%-150% rated output voltage, hiccup mode, auto-recovery					
	WORKING HUMIDITY	-30 ~ +50 @ full load ; +70 @ 60% load					
	STORAGE TEMP., HUMIDITY	20~95% RH non-condensing					
	TEMP.COEFFICIENT	-40~80°C, 10~95% RH					
	VIBRATION	±0.03%/°C (0~50°C)					
SAFETY & EMC	SAFETY STANDARDS	10 ~ 500Hz, 5G 12min./1cycle, period for 72min. each along X, Y, Z axes					
	WITHSTAND VOLTAGE	UL 8750, CAN/CSA-C22.2 EN61347-1, EN61347-2-13, Design refer to UL60950-1,TUV EN60950-1,					
	ISOLATION RESISTANCE	I/P-O/P:3.0KVAC					
	EMC EMISSION	I/P-O/P:>100M Ohms / 500VDC / 25~70% RH					
		Compliance to EN55015, EN61000-3-2 Class C;EN61000-3-3					

EMC IMMUNITY	Compliance to EN610000-4-2,3,4,5,6,8,11; EN55024, EN61547, light industry level (surge 2KV) ,criteria A
DIMENSION	163*42.5*34mm (L*W*H)

Mechanical Specification:



Block Diagram :



Derating Curve:

