



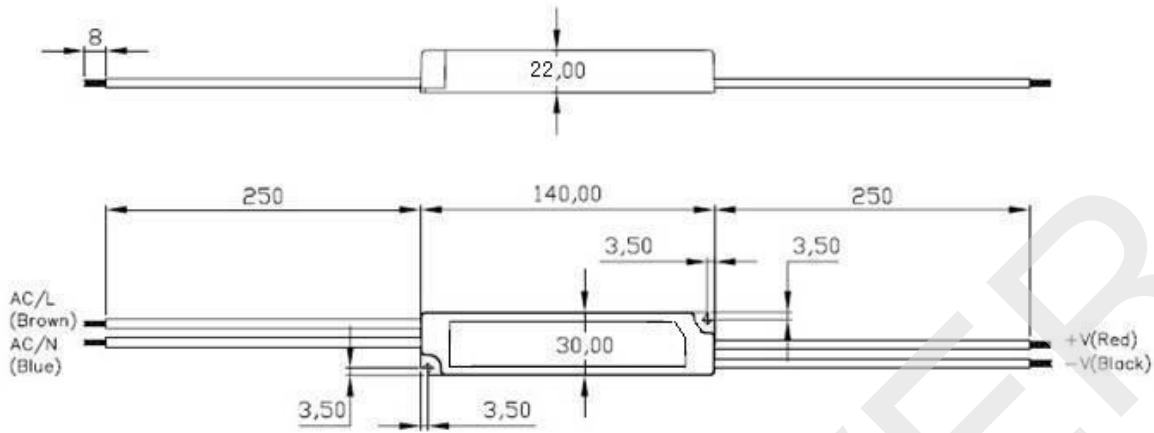
## Features :

- Constant current mode power supply
- Universal AC input/Full range
- Fully encapsulated with IP67 level
- Protections: Over current/short circuit
- Small and compact size
- Class 2 power unit, pass LPS
- 100% full load burn-in test
- Suitable for LED lighting and moving sign applications
- 2 years warranty

## SPECIFICATION:

MODEL		LA20-350	LA20-700
OUTPUT	DC VOLTAGE	48V	30V
	DC VOLTAGE RANGE	9-48V	3-30V
	CURRENT RANGE	350mA ±3%	700mA ±3%
	RATED POWER	16.8W	21.0W
	RIPPLE & NOISE (max.)	200mVp-p	200mVp-p
	VOLTAGE TOLERANCE	±3.0%	
	LINE REGULATION	±1.0%	
	LOAD REGULATION	±2.0%	
	SETUP,RISE TIME	500ms,250ms/230VAC 500ms,250ms/115ac at full load	
	HOLD UP TIME(Typ.)	50ms/230VAC 24ms/115VAC at full load	
INPUT	VOLTAGE RANGE	100-240VAC	
	FREQUENCY RANGE	47~63Hz	
	EFFICIENCY(Typ.)	80% full load	80% full load
	AC CURRENT(at full load)	0.55A/100VAC	0.25A/240VAC
	INRUSH CURRENT (max.)	COLD STAT 70A/240VAC 35A/120VAC at full load	
	LEAKAGE CURRENT	0.25mA/240VAC	
PROTECTION	OVER CURRENT	Above 105% -110% of rated output current	
	SHORT CIRCUIT	Hiccup mode, recovers automatically after fault condition is removed	
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 EN623680-1, 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% RH	
	EMI CONDUCTION & RADIATION	Compliance to EN55032:2015+A11:2020	
DIMENSION		140*30*22mm (L*W*H)	

## Mechanical Specification



## Block Diagram

