



Features :

- Constant current mode power supply
- Universal AC input/Full range
- Double isolated input & output cable
- Ultrasonic welding plastic case IP44
- Built-in active PFC function
- No load power consumption <0.5W
- 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		LA20LE-350	LA20LE-700
OUTPUT	DC VOLTAGE	48V	28V
	DC VOLTAGE RANGE	9-48V	3-28V
	CURRENT RANGE	350mA	700mA
	RATED POWER	16.8W	19.6W
	RIPPLE & NOISE (max.)	150mVp-p	100mVp-p
	VOLTAGE TOLERANCE	±2.0%	
	LINE REGULATION	±1.0%	
	LOAD REGULATION	±2.0%	
INPUT	VOLTAGE RANGE	100-240Vac	
	FREQUENCY RANGE	47~63Hz	
	POWER FACTOR	PF≥0.90/230VAC PF≥0.90/110VAC at full load	
	EFFICIENCY (Typ.)	81 % full load	82 % full load
PROTECTION	OVER CURRENT	Above 105%-110% of rated current	
	Short circuit	Hiccup mode , recovers automatically after fault condition is removed	
ENVIRONMENT	WORKING TEMP.	-30~50°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:3 KVAC	
	ISOLATION RESISTANCE	I/P-O/P:>100M Ohms / 500VDC / 25~70% RH	
	EMC EMISSION	Compliance to EN55015, EN61000-3-2 Class C;EN610000-3-3	
DIMENSION		110*45*23.5mm (L*W*H)	

Mechanical Specification

