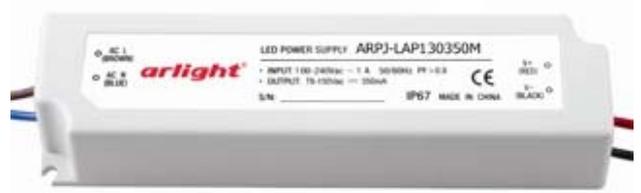


ARPJ-LAP130350M (45W, 350mA, PFC)

Features :

- Constant current mode power supply
- Universal AC input/Full range
- Fully encapsulated with IP65 level
- Protections: Short circuit/Over current
- Built-in active PFC function
- Small and compact size
- UL1310 Class 2 power unit, pass LPS
- 100% full load burn-in test
- Suitable for LED lighting and moving sign applications
- 2 years warranty



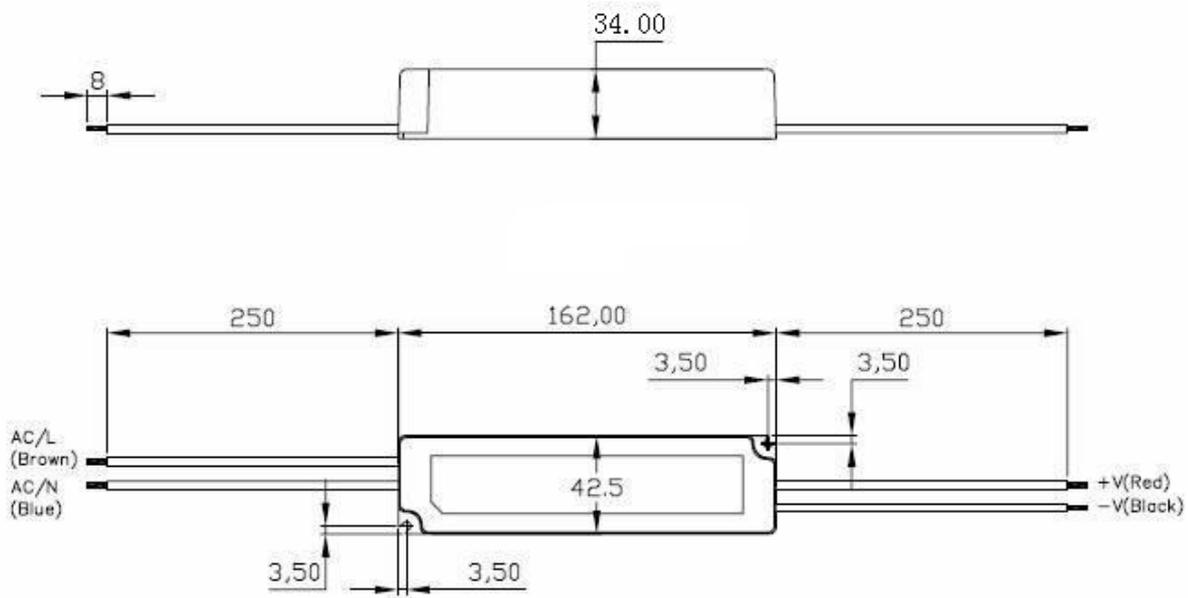
Specification:

MODEL		ARPJ-LAP130350M
OUTPUT	DC VOLTAGE	130V
	DC VOLTAGE RANGE	78-130V
	CURRENT RANGE	350mA±5%
	RATED POWER	45.5W
	RIPPLE & NOISE (max.)	800mVp-p
	VOLTAGE TOLERANCE	±3.0%
	LINE REGULATION	±1.0%
	LOAD REGULATION	±2.0%
	SETUP,RISE TIME	1500ms,250ms/230VAC 3000ms,250ms/115ac at full load
INPUT	VOLTAGE RANGE	100-240VAC
	MAX INPUT VOLTAGE RATED	90-264VAC
	FREQUENCY RANGE	47~63Hz
	EFFICIENCY (Typ.)	85% full load
	POWER FACTOR	PF>0.9/230VAC PF>0.95/115VAC at full load
	AC CURRENT	0.65A/115AC 0.35A/230AC
	INRUSH CURRENT (max.)	COLD START 70A/230VAC
	LEAKAGE CURRENT	0.5mA/240VAC
PROTECTION	OVER CURRENT	Above 105% rated output power.
		Protection type: Constant current limiting, auto-recovery
ENVIRONMENT	WORKING TEMP.	-20~50 °C (60°C at 80% LOAD/70°C at 60% LOAD)
	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 EN60950-1, EN61347-2-13, CAN/CSA C22.2 No. 223-M91, meet IP65
	WITHSTAND VOLTAGE	I/P-O/P: 3KVAC
	ISOLATION RESISTANCE	I/P-O/P: >100M Ohms / 500VDC / 25~70% RH

	EMI CONDUCTION & RADIATION	Compliance to EN55022(CISPR22) class B
	HARMONIC CURRENT	Compliance to EN61000-3-2,-3
	EMS IMMUNITY	Compliance to EN61000-4-2,3,4,5,6,8,11; ENV50204, EN55024, EN61547, light industry level, criteria A
DIMENSION		162*42.5*34mm (L*W*H)

Attention: 1) The output voltage ripple and noise are tested by rated non-reactive resistance load.
 2) The test for Ripple and Noise: Use 20M oscillograph, then add 50V/0.1uF ceramic capacitor and 50V/10uF electrolytic capacitor between the two side test point under the normal temperature

Mechanical Specification



Block Diagram

