

ARPJ-LAD42350-4CH (60W, 350mA, PFC)

FEATURES:

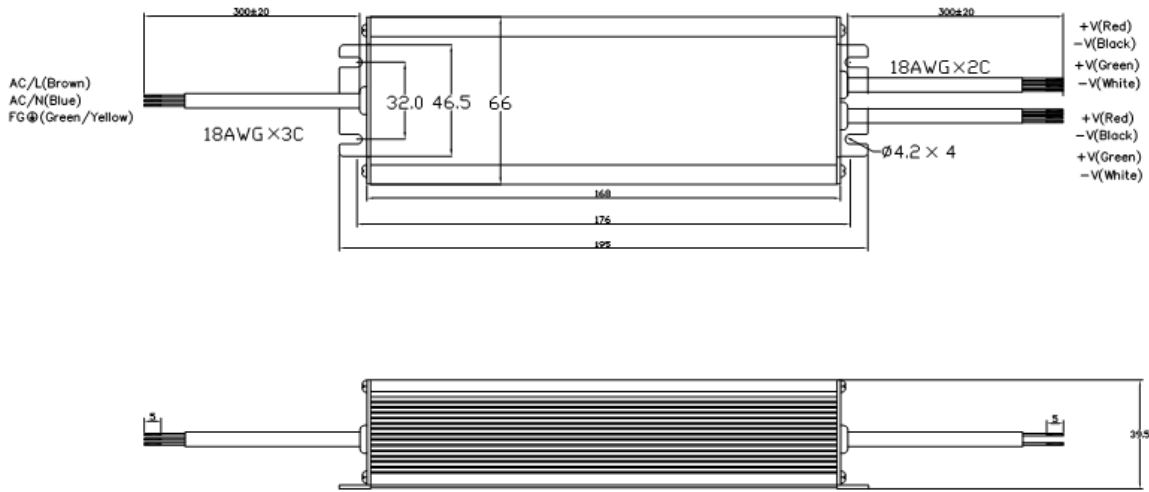
- Constant current mode power supply
- 100-240VAC input only
- Fully encapsulated with IP67 level
- Protections: Over current/ Over Voltage
- Small and compact size
- UL1310 Class 2 power unit, pass LPS
- 100% full load burn-in test
- Suitable for LED lighting and moving sign applications
- 2 years warranty
- Withstand 300VAC surge input for 5 seconds



SPECIFICATION:

OUTPUT	DC VOLTAGE	42V
	DC VOLTAGE RANGE	9-42V
	CURRENT RANGE	4*350mA ±5%
	RATED POWER	58.8W
	RIPPLE & NOISE (max.)	500mVp-p
	VOLTAGE TOLERANCE	±5.0%
	LINE REGULATION	±1.0%
	LOAD REGULATION	±2.0%
	SETUP, RISE, HOLD UP TIME	500ms,250ms, 50ms/230VAC
INPUT	VOLTAGE RANGE	100-240Vac
	FREQUENCY RANGE	47~63Hz
	EFFICIENCY (Typ.)	87% full load
	AC CURRENT	0.5A/240AC
	INRUSH CURRENT (max.)	COLD STAT 50A/230VAC
	LEAKAGE CURRENT	0.35mA/240VAC
PROTECTION	OVER CURRENT	With stand Short circui output for 30 seconds
		Protection type: Hiccup mode, recovers automatically after fault condition is removed.
ENVIRONMENT	WORKING TEMP.	-10°C~+50°C
	WORKING HUMIDITY	20~90% RH non-condensing
	STORAGE TEMP., HUMIDITY	-40°C~+80°C, 10~95% RH
	TEMP. COEFFICIENT	±3%/°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 IP67
	WITHSTAND VOLTAGE	I/P-O/P:3kVAC
	ISOLATION RESISTANCE	I/P-O/P:>100M Ohms / 500VDC / 25~70% RH
	EMI CONDUCTION & RADIA-TION	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, light industry level, criteria A
DIMENSION		195*66*39.5mm (L*W*H)

MECHANICAL SPECIFICATION:



BLOCK DIAGRAM:

