

ARPJ-DIM48320-L

(15W, 320mA, PFC, Triac)



1 Product Overview

(1) Product Features:

The high reliability of the PWM control IC as the main program, to achieve a stable and high efficiency and high PF and other electrical parameters.

(2). Scope:

2.1: Various of driver with case

2.2: (CE/UL) Especial for CE requirements

2. Electrical parameters

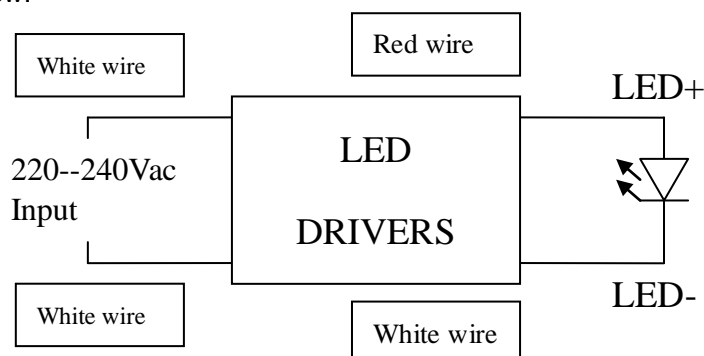
Ttest item		Min.	Typical	Max.	Unit
Input voltage			230	240	VAC
Input frequency		63	50	47	HZ
Input current			90.5		MA
Input surge current max.					A
Constant current mode	Output voltage		47		V
	Output current		318		MA

Boot delay	0.5	0.3	0.2	S
Power factor		0.94		
efficiency		73%		
withstand test		4000		VAC
No-load power consumption		0.5		W
Ripple current	0.5	0.03	0.025	
Operating Temperature Range	-20	25	65	
Mean time between failures		25000		Hour
Current deviation range	300	320	350	MA

Dimension : L*W*H=98×41×26.5mm

4. Instruction

The terminal of product welded with 2 white wires is the AC input, which directly connect with 220-240Vac, the other terminal welded with 1 red wire is DC positive output, a white wire to the DC negative output, the red wire connect to the cathode of the LED lights, the white wire connect to the negative terminal of the LED lights. Product diagram as below.



5. Declaration

Pictures and Specifications are for reference only, we will further inform you if there is any changes in the near future.

Test Data

Input Voltage (AC)	Input power (W)	Input current (MA)	Power factor	Output voltage (V)	Output current (MA)	Output power (w)	efficiency
220	20.5	90.1	0.96	47	318	15.01	73%
	14.48	64.6	0.96	34	331	11.28	78%