

# LED DRIVER

## SPECIFICATION

Description	220-240V, Constant Current Driver
Electrical Characteristics	Ta = 25°C, 220-240Vrms input, standard reference load; unless otherwise specified
Class II, IP20, thermally protected 110, independent driver	

<b>Product Name</b>		3254667
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<b>Input Parameters</b>		
Rated Input Voltage	Uin	220-240VAC
Input Current (Full load)	Iin	0.18A
Input Frequency	fin	50/60Hz
Maximum Input Power	Pin	36W
Power Factor (Full load)	$\lambda$	$\geq 0.95$
THD(Full load)		$\leq 15\%$
Efficiency (Full load)	$\eta$	$\geq 88\%$
No-load power		$\leq 0.5W$
Inrush current		$\leq 40A$
Turn on time		$\leq 500ms$

<b>Output Parameters</b>		
Output Voltage	Vout	21-43V
Output Current (Full load)	Iout	700mA $\pm$ 5%
Output Power (Full load)	Pout	30W
Operating Frequency(Full load)	Fout	60KHz
Ripple & Noise		$\leq 80mA$
Load Regulation		$\leq 5\%$
Line Regulation		$\leq 5\%$

<b>Ambient</b>		
Storage Temperature	ts	-20 ... + 70°C
Operating Ambient Temperature	ta	25°C
Case Temperature at tc Point	tc	80°C
Relative humidity		5 ... 85%

<b>Protection</b>		
No Load		Auto-recovery if fault is removed
Over Load		Auto-recovery if fault is removed
Short Circuit		Auto-recovery if fault is removed

<b>System Parameters</b>		
Withstand voltage		3.75KVAC, Ileakage<5.0mA, 60s
Expected Life		100,000Hours

<b>Compliances and approvals</b>		
Safety		EN 61347-2-13
RFI		EN 55015
Harmonics		EN 61000-3-2 Class C
Immunity		EN 61547

**Note**

- All parameters NOT specially mentioned are measured at 240VAC input, rated load and 25 of ambient temperature.
- Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uF & 47uF parallel capacitor.
- Expected Life:ta=25°C, 0.2%/1000h failure rate
- Maximum recommended amount of drivers you can install:  
B-10A: 11 C-10A: 24  
B-16A: 18 C-16A: 39

**Physical Parameter**

Dimensions(LxWxH):127x43x28

Housing Material:PC Plastic

Captured Terminal Screw for 0.75~2.5mm<sup>2</sup>