

## AC-DC CONVERTER

### FEATURES: -

- Constant current LED driver.
- 10V to 45V AC input voltage range.
- 3V to 60V DC input voltage range.
  
- Operates in boost topology.
- Integrated Mosfet.
- Fixed operating frequency.
- Combined analog and PWM dimming
  
- Output Current 330mA.
- Max Output Power 13W.
- Nominal Life-Time Up to 5000 hrs.
  
- 3-Year Warranty.



### Key Features:-

- Compact Design
- Constant current
- Long Life
- Cost effective
- High Durability
- High reliability

Input Characteristics		
1	Voltage (Un)	<b>24 Vac</b>
2	Operating Voltage Range	<b>15 ~40 Vac</b>
3	Fixed frequency (Hz)	<b>450 KHz</b>
4	Maximum Input Current	<b>0.62A</b>
5	Input Power (W)	<b>14W max</b>

Output Characteristics	
Over Current Protection	<b>Yes</b>
Thermal Protection	<b>Yes</b>
Max Output Current	<b>330mA</b>
Output Voltage	<b>15-40V</b>
Output Power (W)	<b>13W MAX</b>

Dimension	
1. Weight	70gm
2. PCB Dimensions	
• Length W/Mount	65mm
• Center to Center (CTC)	66mm
• Width	35mm
• Height	30mm
3. Input / Output Terminals	Wires
• Input wire (Both line and neutral-Red)	130mm
• Output wire (Positive-Red, Negative-Black)	130mm

Environmental Operating Details		
1	Minimum Starting Temperature	<b>-30°C ... 75°C</b>
2	Max. Ambient Temperature	<b>-30°C ... to 50°C</b>