



Technical Specifications :

- Input : 90 - 300V AC
- Short Circuit, Open Circuit,
- Over Temperature Protection.
- THD < 10% | PF > 0.95
- Surge Protection > 5kv
- **440V AC Protection**
- High Efficiency
- Built in PFC Function
- Over Voltage Protection
- Withstand Voltage : I/P - O/P : Min 2kV
- Isolation Resistance - O/P > 500 M / 1000 VDC
- Voltage & Current Tolerance : $\pm 5\%$
- Ambient Temperature (Ta) : -10°C to +70°C



USHA ELECTRONICS SYSTEMS

An ISO 9001:2015 Certified Company

 www.ushaelectronicssystem.com  purchase@ushaelectronicssystem.com

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Features :

- Semi Integrated Solar Have Built in Charge Controller and Battery Pack With External PV Module.
- Micro-Processor based intelligent and efficient Design.
- Easy to install off-grid system.
- Theft proof long life Lithium Battery Pack.
- Start with the Full Brightness up to 4 Hours, then after reduce the Brightness by 50%.
- Provide required illumination only when needed and helps in increasing battery backup period.
- High efficiency optics efficiently optimize lumen distribution over 30%.
- Easy installation, suitable of a range of pole have 60mm to 90mm diameter.
- Protections : Low Battery, Over Charging, Reverse Polarity Cutoff, Short Circuit, etc...

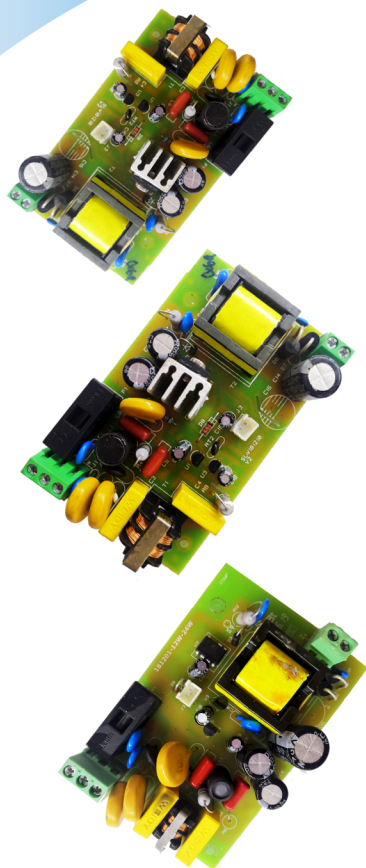
LED Chip : 3030 1W (140 Lm/Watt)



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-
- **15W** : 300mA
 - **18W-22W** : 300mA
 - **24W-32W** : 300mA / 600mA / 900mA
 - **36W-40W** : 600mA / 750mA / 900mA
 - **45W-60W** : 750mA / 900mA / 1200mA/1500
 - **75W** : 1000mA / 1500mA

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