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Constant Voltage Ultrathin Light Box Power Supply **LB-60C**

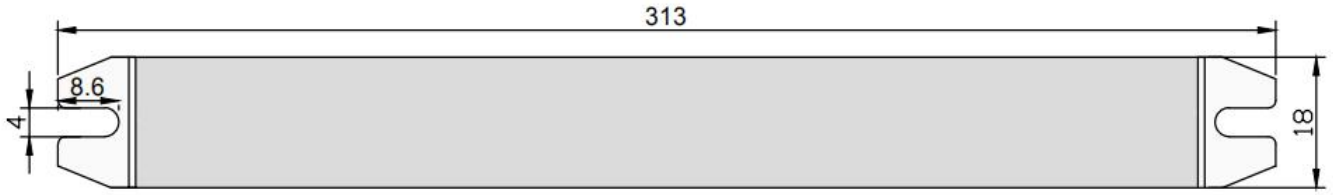


Features:

- 1.Constant Voltage design
- 2.175-265VAC input
- 3.Withstand 300VAC surge input for 5seconds
- 4.Protections:Short circuit/Over load/Over current
- 5.Cooling by Convection or Forced air
- 6.100% full load burn-in test
- 7.High Reliability

| SPECIFICATION | | LB-60C-12 | LB-60C-24 |
|---------------|----------------------|---|-----------|
| OUTPUT | Rated DC voltage | 12V | 24V |
| | Rated current | 5A | 2.5A |
| | Current range | 0-5A | 0-2.5A |
| | Rated Power | 60W | |
| | Voltage tolerance | 12±0.5V | 24±0.5V |
| | Ripple & Noise | ≤120mVP-P | ≤240mVP-P |
| | Load regulation | ±2% | |
| | Setup,Rise time | 50ms/230VAC | |
| | Hold up time | 20ms/230VAC | |
| INPUT | Voltage range | 175-265VAC | |
| | Frequency range | 47-63HZ | |
| | Efficiency(Tpy.) | >83% | >85% |
| | Leakage current | 0.25mA/230VAC | |
| PROTECTION | Over Current | 110%-150% | |
| | Reset After Shutdown | Protection type: Hiccup mode at after the fault has been removed | |
| ENVIRONMENT | Working TEMP. | -25°C-40°C | |
| | Storage TEMP. | -40°C-80°C | |
| | Working Humidity | From 10%to90% relative humidity (non-condensing) | |
| | Vibration | 10-500HZ,2G 10min/1cycle,preiod for 60min,each along X,Y,Z axes | |
| | TEMP. coefficient | ±0.03%/°C (0-50°C) | |
| SAFETY&EMC | Safety Standards | Design refer to LVD EN61347-2-13:2006,EN61347-1:2008 | |
| | With stand Voltage | I/P-O/P:3KVAC,I/P-COVER:1.5KVAC,O/P-COVER:500VAC | |
| | Isolation Resistance | I/P-O/P:>100M Ohms/500VDC/25°C/70% RH | |
| OTHERS | MTBF | 50KHours (25°C) | |
| | Dimension | 313*18*18mm(L*W*h) | |
| | Weight | 105g | |

Configuration dimensions(Unit:mm)



Circuit diagram:

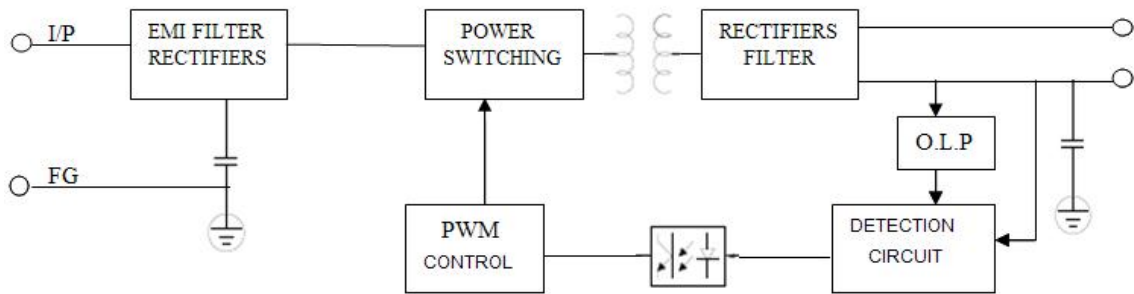


Diagram:

