



LEDTech 12V LED Driver 60W IP67

Features & Benefits

- ✓ Recommended load 45w
- ✓ Suitable for outdoor use
- ✓ 130 x 68.5 x 40mm
- ✓ Highly efficient

Quick Specs

| | | |
|---------|---------|-----------|
| 12V | 60W | IP67 |
| Voltage | Wattage | IP Rating |

Full Specification

| | |
|--------------------------------|--|
| Product Code | 100.330 |
| Rated Voltage | 12VDC |
| Rated Power (Max) | 60W |
| Ripple and Noise (Max) | 120mVp-p |
| Voltage Tolerance | ±3.0% |
| Line Regulation | ±1% |
| Load Regulation | ±1.0% |
| Set-up, Rise Time | 1500ms 80ms/230VAC, 2000ms 80ms/110VAC |
| Hold-up Time | 50ms/230VAC at full load, 25ms/110VAC at full load |
| Voltage Range | 90~130VAC / 170~264VAC / 90~264VAC |
| Frequency Range | 47~63Hz |
| Efficiency | 86.5% |
| AC Current | 0.75A ~ 0.25A |
| Inrush Current | Cold Start at 45A/230VAC, Input at Ta: 25°C cold start. |
| Leakage Current | <0.5mA at 230VAC, 60Hz Input |
| Over-Voltage | 110% ~ 130% |
| Over-load | 130% ~ 150% |
| Short Circuit | Hiccup mode, recovers automatically after faulty problem is removed |
| Lightning Protection | Gas discharge tube automatically open to discharge, re-power on to recover |
| Over-temperature | 85°C±10°C(Shut down O/P voltage, re-power on to recover) |
| Working Environment | -25°C ~ +50°C |
| Working Humidity | 20~90% RH non-condensing |
| Storage Environment & Humidity | -40°C~+70°C |

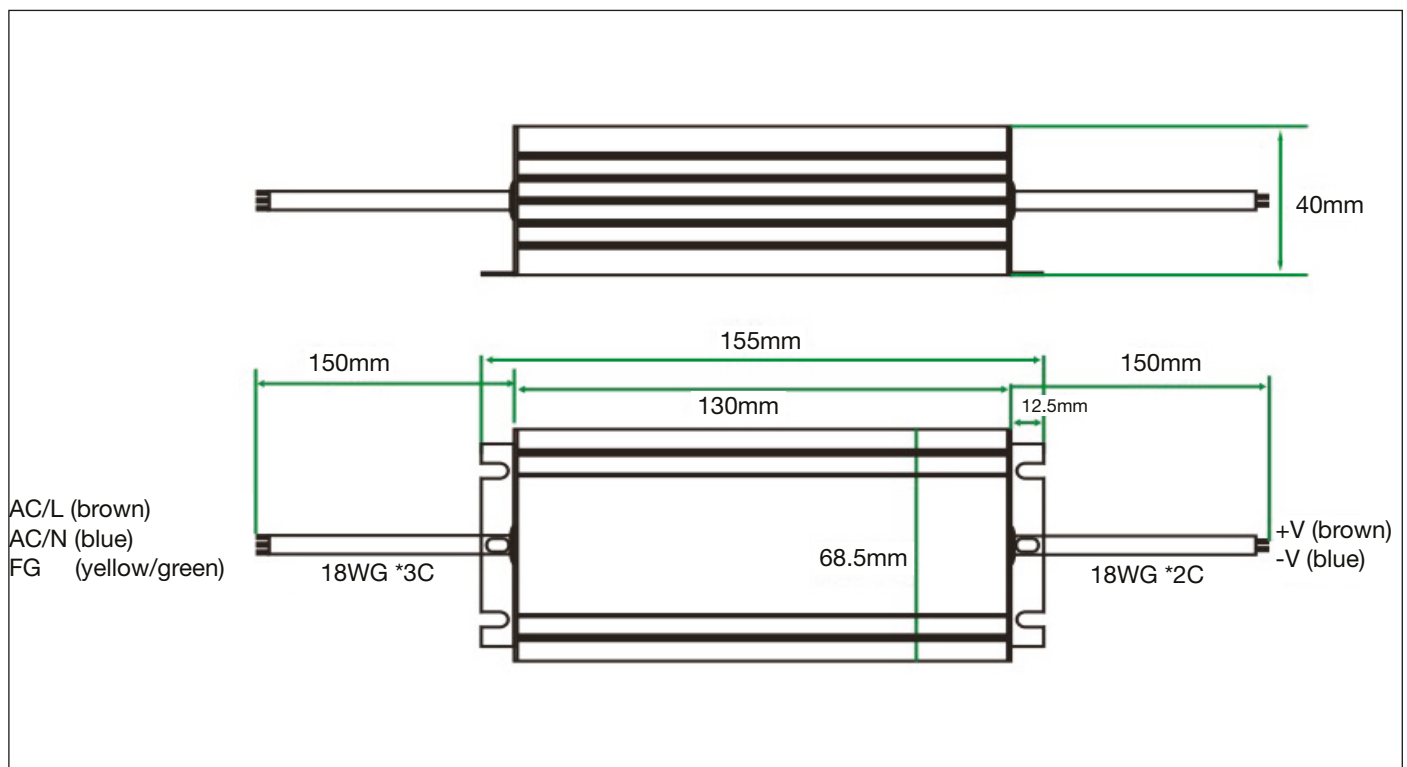
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|---------------------------|---|
| TEMP. Coefficient | ±0.05%°C (0~50°C) |
| Vibration | 10 ~ 500Hz, 2G 10min./1cycle, period for 60min. Each along X, Y, Z axes |
| Safety Standards | EN-61347-1, EN61347-2-13, IP67, ROHS Tests, Design refer to UL8750 |
| Withstand Voltage | I/P-O/P: 3KVAC, IP-FG:1.5KVAC, OP-FG: 500VAC |
| Isolation Resistance | I/P-O/P IP-FG OP-FG: 100M Ohms/500VDC / 25°C / 70% RH |
| EMC Emission | Compliance to EN55015, EN61547, EN61000-3-2, EN61000-3-3, |
| EMC Immunity | Compliance to EN55015 EN61547 EN61000-4-2,3,4,5,6,8,11 |
| Life Span | ≥50000Hrs (25°C) |
| No Load power consumption | ≤1.5W |
| MTBF | 250K hrs min, MIL-HDBK-217F (25°C) |
| Dimension | 155*68.5*40mm (L*W*H) |
| Weight | 0.65Kg |

Schematic Drawing

Units: mm



Technical Support

If you require any technical support or have an enquiry, please do not hesitate to contact one of our LED technical experts on the contact information provided.

Telephone: 01260 540014

www.ledtechnologies.co.uk

The above data are typical values and may vary +/- 10%.

We reserve the right to change specifications without notice - E&OE.

