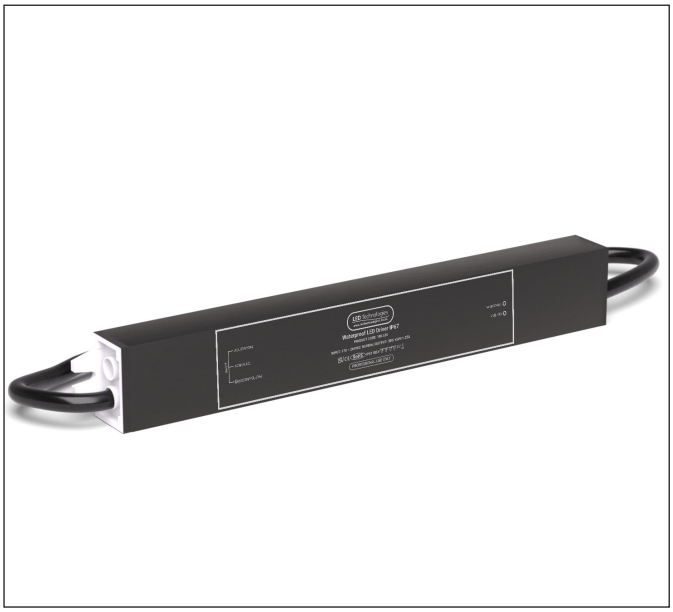
LED Technologies
Creative LED & Effect Technology for the Trade Professional

LED Tech

# LEDTech | 30W Constant Voltage 24V LED Driver



## Features & Benefits

- Suitable for outdoor use
- Recommended load 22-24W
- 144 x 28 x 20mm
- Highly efficient

## Quick Specs

| 24V | 30W | IP67 |
|---|---|---|
| Voltage | Wattage | IP Rating |

## Full Specification

| | |
|---|---|
| **Prouct code** | 100.530 |
| **Rated Voltage** | 24VDC |
| **Output Current Range** | 0~1.25A |
| **Rated Power (Max)** | 30W |
| **Ripple and Noise (Max** | 150mVp-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** | 87.0% |
| **AC Current** | 0.37A ~ 0.13A |
| **Inrush Current** | Cold Start at 40A/230VAC, Input at Ta: 25ºC cold start. |
| **Leakage Current** | <0.5mA at 230VAC, 60Hz Input |
| **Over-Voltage** | 110% ~ 130% (Shut down O/P voltage, repower on to recover) |
| **Over-load** | 130% ~ 150% (Shut down O/P voltage, repower on to recover) |
| **Short Circuit** | Hiccup mode, recovers automatically after faulty problem is removed |
| **Over-temperature** | 85ºC±10ºC (Shut down O/P voltage, re-power on to recover) |
| **Working Environment** | -25ºC ~ +50ºC |
| **Working Humidity** | 20~90% RH non-condensing |
| **Storage Environment & Humidity** | -30ºC ~ +70ºC |

Continued overleaf

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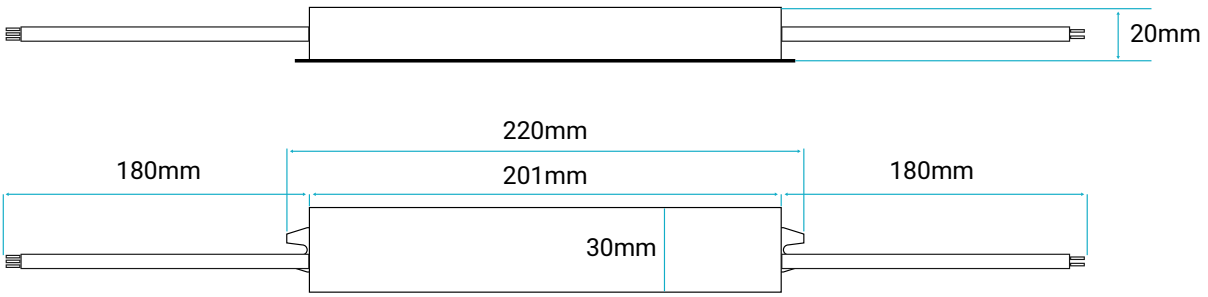
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| | |
|---|---|
| **TEMP. Coefficient** | ±0.05%ºC (0~50ºC) |
| **Vibration** | 10 ~ 500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes |
| **Safety Standards** | EN-61347-1, EN61347-2-13, IP67, ROHS Tests, Design refer to UL8750 |
| **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 / 25ºC / 70% RH |
| **EMC Emission** | Compliance to EN55015: 2007, EN61547:1995+A1:2000; EN61000-3-2: 2006; EN61000-3-3: 2008 |
| **Life Span** | ≥50000Hrs (25~30ºC) |
| **No Load power consumption** | ≤1.0W |
| **MTBF** | 250K hrs min, MIL-HDBK-217F (25ºC) |
| **Dimension** | 220*30*20 mm (L*W*H) |
| **Packing** | 50pcs/carton |
| **Weight** | 0.25Kg/pcs / 50pcs/CTN |

## Schematic Drawing

Units: mm




## Technical Support

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

**Telephone: 01260 540014**

**Website: 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.**