



## LEDTech LED Driver 300W 24V 12.5 Amp IP67

### Features & Benefits

- ✓ Ideal for powering 24V LED Lighting products
- ✓ Recommended load 225W
- ✓ 227 x 75 x 43mm
- ✓ Highly efficient

### Quick Specs

24V

Voltage

300W

Wattage

IP67

IP Rating

### Full Specification

Prouct code	100.525
Rated Voltage	24VDC
Output Current Range	0 ~12.5A
Rated Power	300W
Ripple and Noise (Max)	150mVp-p
Voltage Tolerance	±5.0%
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	170~264VAC
Frequency Range	47~63Hz
Efficiency	89.0%
AC Current	1.3A ~ 3.9A
Inrush Current	Cold Start at 70A/230VAC, Input at Ta: 25°C 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
Lightning Protection (Alternative)	Gas discharge tube automatically open to discharge, repower 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

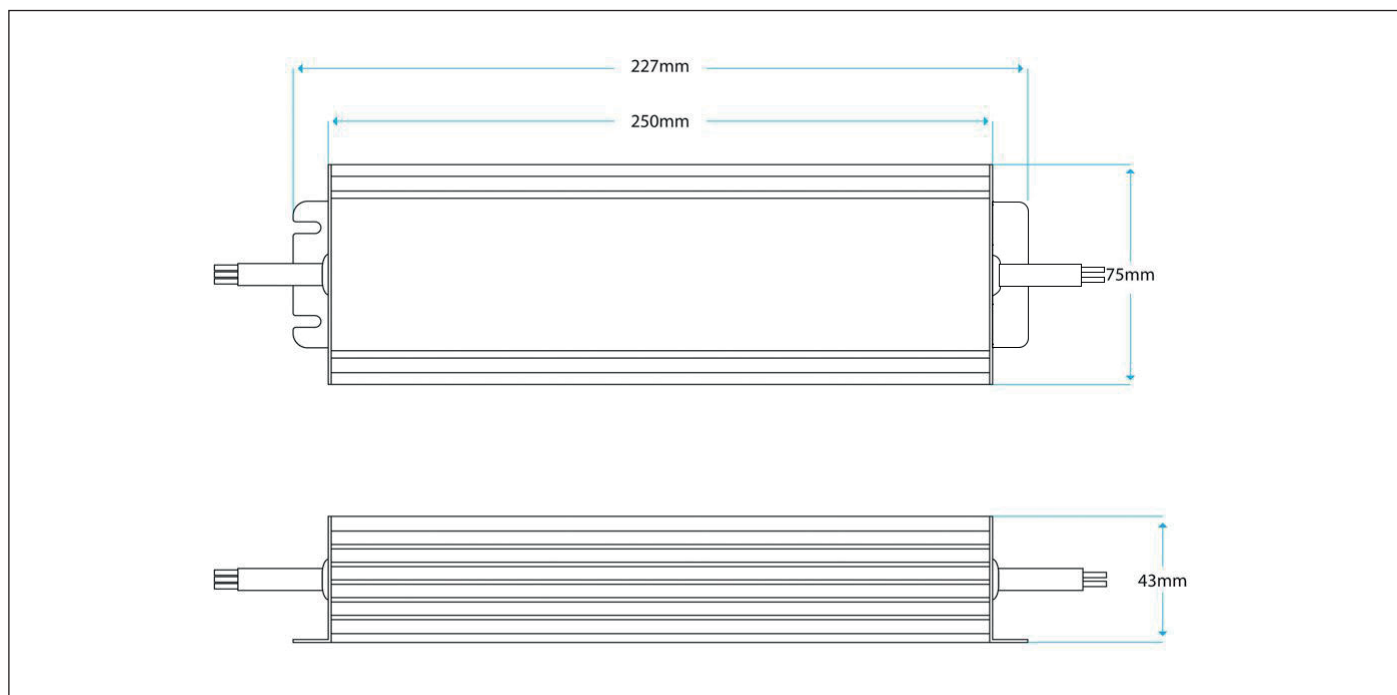
# LED Technologies

Creative LED & Effect Technology for the Trade Professional

Storage Environment & Humidity	-30°C ~ +70°C
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: 2007, EN61547:1995+A1:2000; EN61000-3-2: 2006; EN61000-3-3: 2008
Life Span	≥50000Hrs (25~30°C)
No Load power consumption	≤3.5W
MTBF	250K hrs min, MIL-HDBK-217F (25°C)
Dimension	227 x 75 x 43mm (L x W x H)
Packing	6pcs/carton
Weight	2.42Kg/pcs

## 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

**Opening times:** Mon-Thur: 9:00am - 5:30pm / Fri: 8:30am - 5:00pm

**[www.ledtechnologies.co.uk](http://www.ledtechnologies.co.uk)**

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

Colour temperatures may vary up to +/- 10%

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

**Maximum Daisy chain - 10mtrs**

