



## LEDTech 12V LED Driver 150w 12.5 Amp IP67

### Features & Benefits

- ✓ Recommended load 112w
- ✓ Suitable for outdoor use
- ✓ 236 x 64 x 45mm
- ✓ Highly efficient

### Quick Specs

12V

Voltage

150W

Wattage

IP67

IP Rating

### Full Specification

Product Code:	100.626
Rated Voltage	12VDC
Output Current Range	0 ~ 12.5A
Rated Power	150W
Ripple and Noise (Max)	120mVp-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	90~130VAC/170~264VAC
Frequency Range	47~63Hz
Efficiency	87.5%
AC Current	1.91A ~ 0.62A
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, re-power on to recover)
Over-load	130% ~ 150% (Shut down O/P voltage, re-power on to recover)
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

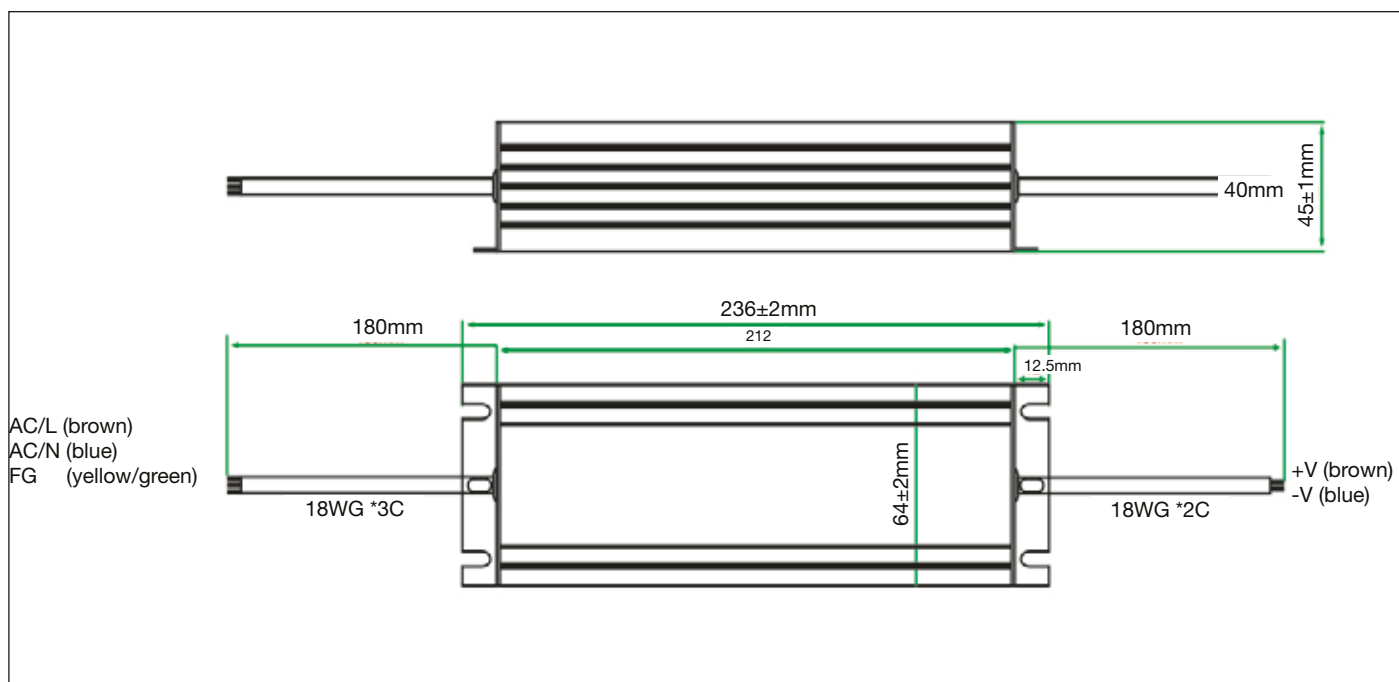
# LED Technologies

Creative LED & Effect Technology for the Trade Professional

Storage Environment & Humidity	-40°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, 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	≤3.0W
MTBF	250K hrs min, MIL-HDBK-217F (25°C)
Dimension	236*64*45 mm (L*W*H)
Weight	1.15Kg

## 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](http://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.**

