LEDTech 12V LED Driver 30W 2.5 Amp IP20

Features & Benefits

- Recommended load 22-24W
- Ideal for powering 12V proflex range
- 85 x 55 x 32mm
- Highly efficient

Quick Specs

12V	30W	IP20
Voltage	Wattage	IP Rating

Full Specification

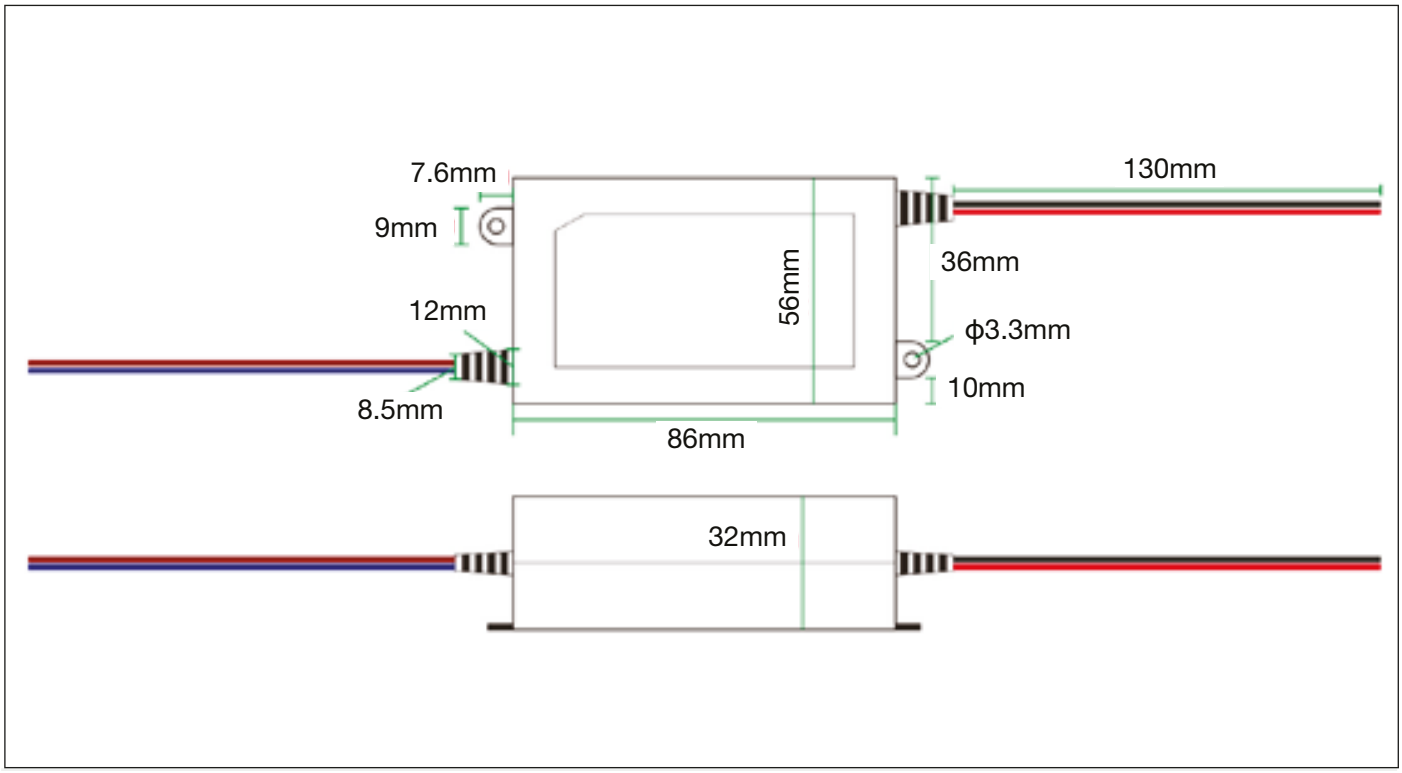
Product Code:	100.552
Rated Voltage	12VDC
Output Current Range	0~2.5A
Rated Power (Max)	30W
Ripple and Noise (Max)	80mVp-p
Voltage Tolerance	±5.0%
Line Regulation	±1%
Load Regulation	±1.0%
Set-up, Rise Time	1500ms 80ms/230VAC, 2000ms 80ms/110VAC
Hold-up Time	50ms/230VAC at full load, 25ms/110VAC at full load
Voltage Range	170~264VAC / 90~264VAC
Frequency Range	47~63Hz
Efficiency	87.0%
AC Current	0.39A ~ 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, 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
Over-temperature	85ºC±10ºC (Shut down O/P voltage, re-power on to recover)
Working Environment	-20ºC ~ +40ºC
Working Humidity	20~90% RH non-condensing
Storage Environment & Humidity	-25ºC~+50ºC

Continued overleaf

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
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.
Life Span	≥35000Hrs (25°C)
No Load power consumption	≤1.5W
MTBF	250K hrs min, MIL-HDBK-217F (25°C)
Dimension	86*56*32 mm (L*W*H)
Weight	0.12 Kg

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

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

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