LED Technologies
Creative LED & Effect Technology for the Trade Professional

LED Tech

LEDTech 300W LED Driver 24V IP20



Features & Benefits

- Ideal for powering 24V LED Lighting products
- Recommended load 225W
- 210 x 63 x 28mm
- Highly efficient
- The driver has inbuilt safety functions including Short Circuit, Over Voltage and Over Temperature Protection

Quick Specs

24V	300W	IP20
Voltage	Wattage	IP Rating

Full Specification

Product code:	102.326
Output Rated Current:	Max 12.5A (24V)
Output Voltage Accuracy:	±0.5VDC / ±1% linear and load regulation
Output Voltage:	24VDC
Output Rated Power:	Max 300W
Output Ripple and Noise:	Measured under 20MHZ bandwidth
Input Voltage Range:	175-265 Vac
Input Power Factor (Typ.):	PF ≥0.6
Input Full Load Efficiency (Typ.):	85%
Input AC Current (Typ.):	2.5A@230Vac
IP Rating	20
Input Inrush Current:	Cold start 60A at 230Vac
Input Surge:	L,N: 1KV L,N-PE: 2KV
Input Leakage Current:	0.5mA
Protection Short Circuit:	Automatically restored after the fault is eliminated
Protection Over Temperature:	Turn off the output voltage, re-energise to restore
Protection Over Voltage:	Yes
Working Temperature:	-30°C to 50°C, tc: 80°C
Working Humidity:	20-99%RH, non-condensing
Safety Standards:	IEC/EN61347-1; IEC/EN60950; IP20
Certification standards:	CE, RoHs, EN IEC 55015:2019+A11:2020, EN 62493:2015+A1:2022, EN IEC 61000-3-2:2019+2A:2024, EN 61000-3-3:2013+A2:2021

Continued overleaf

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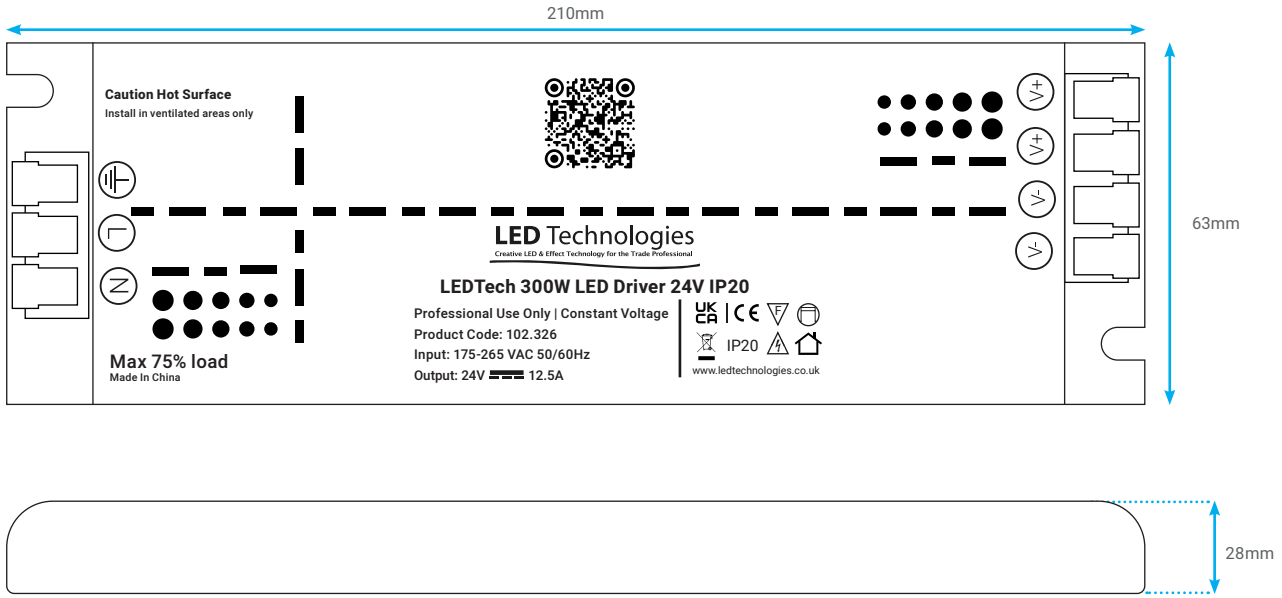
Withstand Voltage:	I/P-O/P: 3750Vac
Isolation Resistance:	I/P-O/P: 100MΩ/500VDC/25°C/70%RH
Weight:	379 grams
Size:	210 x 63 x 28mm

Notes:

1. Parameters are measured at 230V AC input, rated load, and 25°C ambient temperature unless otherwise stated.
2. Ripple and noise test: connect 0.1uF and 47uF capacitors in parallel at the terminal, measured under 20MHz bandwidth.
3. Operate strictly within rated environmental limits and parameters.
4. Maximise lifespan by reducing the load at lower input voltages and ensuring adequate free-air ventilation.

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.

UK CA | CE RoHS Compliant