

# MINI LED INVERTERS

The STI-LED range of Mini Static Inverters has been engineered to suit LED lighting. Offering a cost effective solution to powering unmodified LED Luminaires in the event of mains failure, the unit is a pure sine wave inverter with a 230V AC output. The range is designed to comply with the latest European and British Standard BS EN 50171:2001.



DATA SHEET



230V

IP41

1 YEAR  
GUARANTEE

Pure Sine Wave

Multi-Functional LCD Display

Overload and Short Circuit Protection

## Specification

Input Voltage:	230V AC +/-10%
Frequency:	50Hz
Efficiency at 100% Load:	>95%
Output Regulation:	1-5% Dependent on Load
Number of Outputs:	4
Maintained:	1 (switched live)
Continuous Overload Capacity:	120%
Change Over Time:	0.05 Seconds
Output Protection:	Fuse
Inverter Weight:	16.5Kg
Altitude:	<1000m
Ambient Temperature:	0-25°C
Relative Humidity:	90% Non-Condensing
Acoustic Noise:	20dBA at 1m
Ventilation:	Forced Air

## Batteries

Type:	Sealed Lead Acid
Design life:	10 years
Duration:	3 Hours
Voltage:	12V
Battery Pack Weight:	34.5Kg (200W) 34.5Kg x 2 (400W)

Version 1. 11/2019



POWER

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## Additional Information

- 32 bit Micro-Controller
- Overload and Short Circuitry Protection
- Compatible with optional remote hold off relays
- Specifically Designed for use with LED Luminaires
- Steel housing
- Designed in accordance with BS 5266
- 3 Hour Emergency Duration
- Wall mount or free standing
- Cable entry: Top/side
- Four individually fused outputs

Code	Output Power	Maximum Input Current	Weight: Inverter Cubicle (Kg)	Dimensions (H x W x D mm)
STI-LED-200	200W	<5.0A	16.5	Inverter Cubicle: 305 x 472 x 166 Battery Cabinet: 238 x 472 x 174
STI-LED-400	400W	<5.0A	16.5	Inverter Cubicle: 305 x 472 x 166 Battery Cabinet: 238 x 472 x 174 x 2

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