

## 50W MINI LED INVERTER

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.

Pure Sine Wave

Multi-Functional LCD Display

Overload and Short Circuit Protection



**230V IP41 1 YEAR GUARANTEE**

### Additional Information

- 32 bit micro-controller
- Overload and short circuit 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
- One fused output
- Additional fused outputs available on request

### INPUT CHARACTERISTICS

Input Voltage:	230V AC +/-10%
Frequency:	50Hz
Efficiency at 100% Load:	>95%

### OUTPUT CHARACTERISTICS

Output Voltage:	230AC
Output Regulation:	1-5% Dependent on Load
Output Frequency:	50Hz
Number of Outputs:	4
Maintained:	1 (switched live)
Continuous Overload Capacity:	120%
Output:	Pure Sine wave
Efficiency (100% load):	<95%
Change Over Time:	0.05 Seconds
Output Protection:	Fuse

### PROTECTION: GENERAL

Display Type:	LCD
Inverter Weight:	16.5Kg
Cabinet Colour:	Grey
IP Rating:	IP41
Altitude:	<1000m
Ambient Temperature:	0-25°C
Relative Humidity:	90% Non-Condensing
Acoustic Noise:	20dBA at 1m
Ventilation:	Forced Air

### BATTERIES (contained within the electronics cubicle)

Type:	Sealed Lead Acid
Design life:	10 years
Duration:	3 Hours
Voltage:	12V
Battery Pack Weight:	9kg

### DIMENSIONS

#### INVERTER CUBICLE

Height:	305mm
Width:	472mm
Depth:	166mm
Fixing Locations:	Wall Mount/Free Standing
Cable Entry:	Top/Side
Door Clearances:	472mm

Product Code	Output Power	Maximum Input Current	Battery Voltage	Inverter Cubicle Weight
STI-LED-50	50W	<3.0A	12V/12Ah	25.5Kg