

## Description

The STI-LED range of Mini Static Inverters have been engineered with the LED lighting market in mind 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.

- Pure Sine Wave
- 32 bit Micro-Controller
- Multi Function LCD Display
- 3 Hour Duration
- Overload & Short Circuit Protection
- Compatible with optional remote hold off relays



## Technical Data

### INPUT CHARACTERISTICS

Input Voltage	230V +/- 10%
Frequency	50Hz
Input Current	< 3.0A
Efficiency @ 100% Load	< 95%

### OUTPUT CHARACTERISTICS

Output Voltage	230VAC
Output Regulation	1-5% dependent on load
Output Frequency	50Hz
Output Power	120W
No of outputs	1
Maintained	1
Continuous Overload capacity	120%
Output	Pure Sine wave
Efficiency	< 95% 100% load
Change over time	0.05 seconds
Output Protection	Fuse

### GENERAL

Display Type	LCD
Weight Inverter	16.5kg
Weight Battery Pack	24.1kg
Cabinet colour	Grey
IP Rating	IP41
Altitude	< 1000m
Max Ambient Temp	0-40 °C
Relative Humidity	90% Non Condensing
Acoustic Noise	20dBA @ 1m
Ventilation	Forced Air

### BATTERIES

Battery Type	Sealed Lead Acid
Battery Voltage	12V/24Ah
Design Life	10 years
Duration	3 Hours

## Dimensions

### INVERTER

Height:	305mm
Width:	472mm
Depth:	166mm
Fixing Locations:	Wall or Free Standing
Cable Entry:	Top or Side
Access Door Clearances:	472mm
Weight	16.5kg

### BATTERY CABINET x1

Length:	238mm
Width:	472mm
Depth:	174mm
Fixing Locations:	Wall or Free Standing
Cable Entry:	Top or Side
Access Door Clearances:	472mm
Weight	24.1kg