



Description

The BLE-EPS range of static inverter units are designed to comply with the latest European and British standards. Our units are manufactured to a high standard, providing a cost effective integrated solution for emergency power for escape and emergency lighting systems to wide and varied sector. The units are designed with simplicity in mind, both for the end user and the maintenance provider whether that is the battery configuration or accessibility for periodic maintenance works.

- Output configuration Active Standby
- High specification systems
- Transformer based design
- Digital display which indicates system status
- 3 Outputs (2 maintained, 1 nonmaintained)
- Autoglow auto test compatibility
- Smart battery charge management increase battery life
- Low maintenance
- Complies with BS EN50171:2001
- Batteries comply with IEC 6089621 & IEC 6089622
- Top mounted gland plate



BATTERIES

Battery Type	Sealed Lead Acid Battery
Voltage	12v/90Ah (360v)
Life	10 year working life
Quantity	60
Weight	35kg per bloc
Duration	3 Hour

GENERAL

Display	Touch screen LED
Weight Inverter	680kg
Weight Battery cab	30kg
IP Rating	IP21
Ventilation	Forced Air
RS232 Interface	Yes (Freeware)

Dimensions

Inverter Cubicle

Height:	1800mm
Width:	800mm
Depth:	600mm
Fixing Locations:	Floor Standing
Cable Entry:	Top of Unit Access Door
Clearances:	650mm
Total Weight	2870kg inc batteries & cabinets

INPUT CHARACTERISTICS

Voltage	400V AC
Voltage Distortion	<5%
Frequency	50Hz +/- 10%
Phase	Three phase + PE
Max Input Current per phase	31A

OUTPUT CHARACTERISTICS

Charge Current	20A
Max Discharging Current	50.9A Rated
Voltage	400 V AC
Phase	Three phase, three wire
Frequency Stability	<+/- 0.5%(Asynchronous)
Frequency Stability	<+/- 2%(Synchronous)
Crest Factor	5:1
Output Wave Form	PWM
Voltage Transfer	0-100% Dynamic Load 100%
Overload Capacity	110% Continuously for 10 minutes
Efficiency (100% load)	>90%
Power Factor	0.85
Operating Temp	0-40C
Relative Humidity	30%-90%
Altitude	<1000m
Noise	45-55dBA
Colour	RAL9002

Battery Cabinet x 3

Height:	1800mm
Width:	800mm
Depth:	600mm
Fixing Locations:	Floor Standing
Cable Entry:	Flexible
Cabinet weight	730kg each inc. batteries