



Our small to medium enterprise (SME) systems are designed for installation in domestic, commercial or industrial applications.

An ideal solution for those who need more storage capacity and power, whether at a large home, office or even small industrial environment.

Utilising Lithium Iron Phosphate our batteries are extremely safe and can be installed in a wide range of locations. The battery chemistry does not contain any Cobalt, making it non-flammable and the battery pack is 99% recyclable.



### Expandable

Each battery cabinet contains 64kWh of batteries, with the addition of DC cabinet up to 4 units can be installed together offering up to 256kWh of storage.



### High power

Coupled with our 30, 50 or 100kW PCS the system can provide power to the whole site.



### Easy to install

Built-in bus bar system allows batteries to simply slide into place requiring no additional DC or data connections.



### 10 Year Warranty

Supplied with a full manufacturers warranty. Our UK team are on hand to help you should any issues arise.

## SME Battery Cabinet

### 64KWH CABINET

Dimensions	2050H X 800D x 600W (mm)
Weight (without batteries)	200Kg
User Interface	Emergency Stop, Operation and fault lights
Connections	Laptop socket
Advantages	Expandable, 1 to 4 with DC cabinet. Bus bar system for easy installation. Built in UPS for control systems*

### HIGH VOLTAGE BOX

Dimensions	134H X 664D x 452W (mm)
Weight	40Kg
Nominal Voltage	691.2V DC
Voltage Range	600 ~ 800V DC
Safety	Robust Multi Point Monitoring BMS On/Off button and DC MCB
Connections	AC Supply DC Input PCS / DC Cabinet data Meter data
Communication Protocol	CAN bus/RS485

### 7.6KWH BATTERY

Dimensions	134H X 664D x 452W (mm)
Weight	72Kg
IP Grade	IP20
Nominal Voltage	76.8V DC
Voltage Range	68 - 87V DC
Chemistry	LiFePO <sub>4</sub> Cell
Rated Capacity	100Ah
Nominal Capacity	7.68kWh @25°C
Depth of Discharge	80%
Operating Temperature	0°C - 55°C**
Connections	Bus bar connector on rear
Safety	Robust Multi Point Monitoring BMS
Communication Protocol	CAN bus
Warranty (Standard)	70% remaining capacity after the first of 10 years or 10MWh per kWh throughput

\*Not required for multiple battery rack systems

\*\*Charge/discharge rate and capacity reduced at lower and higher temperatures