



Our commercial systems are designed for installation in commercial or industrial applications.

An ideal solution for those who need more storage capacity and power, whether it is a large commercial/industrial building or a containerised solution.

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 Cobalt, making it non-flammable and the battery pack is 99% recyclable.



### Expandable

Each battery rack contains 200kWh of batteries, with a DC cabinet 3 units are installed together offering 600Wh of storage. this can be expanded to any side in 600kWh increments.



### High Power

Coupled with any of our PCS up to a maximum rating of 0.8c (i.e. 600kWh - 500KW or 2.4MWH - 2MW)



### Easy to Install

The open rack mounting system makes it easy for the battery packs to be slid into place. Accessible power and data connection make the connection simple to install and maintain.



### 10 Year Warranty

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

# Battery Rack

## Commercial

### 200KWH BATTERY RACK

Dimensions (WxDxH)	1458 x 640 x 2050mm
Weight (without batteries)	200 kg
Advantages	Robust steel frame Pre-drilled fixing points on all sides

### HIGH VOLTAGE BOX

Dimensions (WxDxH)	483 x 692 x 221mm
Weight	40kg
Nominal Voltage	730V DC
Voltage Range	600 - 850V DC
Safety	Robust Multi Point Monitoring BMS On/Off button and DC MCB
Connections	AC Supply DC Input DC Output CAN bus in CAN bus out
Communication Protocol	CAN bus

### 10.8KWH BATTERY

Dimensions (WxDxH)	483 x 692 x 221mm
Weight	89kg
IP Grade	IP20
Nominal Voltage	38.4V DC
Voltage Range	33.6 - 43.8V DC
Chemistry	LiFePO <sub>4</sub>
Rated Capacity	280Ah
Nominal Capacity	10.752kWh @25°C
Depth of Discharge	80%
Operating Temperature	0°C - 55°C*
Connections	+ and - DC power 2 x CAN bus
Safety	Robust Multi Point Monitoring BMS
Communication Protocol	CAN bus
Warranty	70% remaining capacity after the first of 10 years or 10MWh per kWh throughput

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