



The GivEnergy High Voltage Battery Pack works alongside our PCS to provide a flexible, safe energy storage solution.

Systems are delivered rack-mounted for installation flexibility. Larger systems are split into racks each with their own BMU. The BMU offers an additional layer of control and protection.



LiFePO<sub>4</sub> Cell Technology

Safe, sustainable chemistry containing no cobalt. Engineered for 20 year+ lifespan.



Cell Level Monitoring

Cell voltage and multi point temperature monitoring allows for full control and maintenance of individual cells.



Added Safety

Alongside LiFePO<sub>4</sub> cell technology and multi-point monitoring, the advanced BMS alongside BMA offers multiple levels of safety protection.



Flexible Sizes

The modular design gives flexibility to allow a system size to suit your requirements.

# Battery Pack

## 230AH / 8.8kWh

Cell	12pcs
Connection Method	S12
BMU	1 pcs
Nominal Voltage	38.4VDC
Voltage Range	31.8 ~ 43.2VDC
Capacity	230Ah
Energy	8.8kWh
Maximum Continuous Discharge Power	17.6kW
Nominal Charge Current	230A
Charge Method	CV/CC/CP
Cut-off Voltage	43.2VDC
Cut-off Current	400A
Rated Discharge Current	460A
Standard Discharge Method	CC
Temperature Working Range	0°C ~ 40°C

## GENERAL DATA

Dimensions (HxDxW)	221 x 691.5 x 488.7 (mm)
Weight	75Kg