



**The GivEnergy Battery Pack works as a standalone energy storage system or alongside solar, hydro, or wind turbine to store excess energy.**

Make the most of your split rate energy tariffs (e.g. Economy 7) by charging the battery at off-peak times when energy rates are cheaper and discharging during what would be the more expensive periods to reduce your energy bill.



#### LiFePO<sub>4</sub> Cell Technology

Control and monitor your Smart System on the move via our GivEnergy Monitoring App and Portal.



#### Wide Temperature Range

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



#### 20 Years+ Lifespan

Supplied with a full manufacturer's warranty. Our dedicated UK support team are on hand to help you should any issues arise.



#### Fully Recyclable

Replace your old storage system with a brand new Smart System and gain the benefits of renewable energy.

## Battery Cell

### CELL DATA (230AH)

Capacity	230Ah
Voltage	3.2V
Charging Method	Constant Current + Voltage
Temperature	
Charging	0°C ~ 45°C
Discharging	-20°C ~ 50°C
Short-timed Discharging / 30min	-20°C ~ 55°C
Storage	20°C ~ 40°C
Transportation	-40°C ~ 50°C
Energy Density	157/170 ± 10Wh/Kg
Maximum Charging	2C Charging
Discharging Rate	3C Discharging
Resistance	0.65mΩ±5%

### GENERAL DATA

Dimensions	290H x 480W x 260D (mm)
Weight	1.15 + 0.01Kg