



**The 9.5kWh battery pack is our best-selling battery pack and offers a very competitive cost/kWh.**

Ideal for medium to large properties, this battery pack is very popular amongst those customers that are striving for energy independence. Many customers opt to have 2 of these installed to ensure as little energy is purchased from the grid as possible.

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. Our market leading battery warranty means you can use your battery as often as you need for 10 years and still be covered.



#### Remote Firmware

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



#### IP65 Rating

Our IP65 rated enclosure gives protection against water and dust. Ideal for lofts and outdoor installation.



#### Retrofit Compatible

Add the battery to an existing Solar PV System without affecting the Government Incentive.



#### 12 Year Warranty

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



#### Standalone Battery System

A standalone battery can be used without the need for Solar Panels. Charge the battery off-peak when it's cleaner, greener and less costly then discharge the battery during peak times for maximum saving.

## Giv-Bat 9.5 Gen 2

### SPECIFICATIONS

Dimensions	800H X 242D x 480W (mm)
Weight	110Kg
Capacity	9.5kWh / 186Ah
Voltage	51.2V
Current	80A
Technology	LiFePO <sub>4</sub> Cell
IP Grade	IP65
BMS	Robust Multi Point Monitoring BMS Pre Installed
Life Cycling (Optimal: 100% DOD at 25°C)	12 Years
Charging Temperature	0°C - 55°C
Discharging Temperature	-10°C - 55°C
Storage Temperature	-30°C - 60°C
Warranty	Unlimited Cycles / 12 Years
Standard	UN 38.3, IEC61000

### ELECTRICAL PARAMETERS

Operating Voltage Range	45V - 58V
Max. Charging Voltage	59V
Max. Charging / Discharging Current	80A / 80A
Networking Interface	RS485
Communication Protocols	Modbus
Advantages	Stackable, BMS Upgradeable, IP65
Depth of Discharge	100%