



The 9.5kWh battery pack is our bestselling 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.



### 10 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                                 | 9.5 kWh / 186 Ah                                 |
| 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) | 10 Years   |
| Charging Temperature                     | 0°C - 55°C                                       |
| Discharging Temperature                  | -10°C - 55°C                                     |
| Storage Temperature                      | -30°C - 60°C                                     |
| Warranty BTT Standard                    | Unlimited Cycles / 10 Years<br>UN 38.3, IEC61000 |

### ELECTRICAL PARAMETERS

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