



The 2.6kWh battery pack is ideal for New Build and Social Housing Projects where smaller storage capacity is required to start that can then be increased over time.

Due to its small and compact design, it is suitable for installation in loft spaces or hard to access areas. Can be banked together to reach the desired capacity for the household.

Utilising lithium iron phosphate technology, 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.



### 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 manufacturers 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 where its cleaner, greener and less costly then discharge the battery during peak times for maximum saving.

# Giv-Bat 2.6

## Gen 1

### SPECIFICATIONS

|   |   |
|---|---|
| Dimensions                              | 299H X 205D x 480W (mm)                         |
| Weight                                  | 35.5 Kg   |
| Capacity                                | 2.6 kWh / 51 Ah                                 |
| Voltage                                 | 51.2V   |
| Current                                 | 30A Charge / Discharge                          |
| Technology                              | LifePO <sub>4</sub> Cell                        |
| IP Grade                                | IP65  |
| BMS                                     | Robust Multi Point Monitoring BMS Pre Installed |
| Life Cycling (Optimal: 80% 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                                | 26MWh / 10 Years                                |
| Standard                                | UN 38.3, IEC61000                               |

### ELECTRICAL PARAMETERS

|                                     |                                  |
|-------------------------------------|----------------------------------|
| Operating Voltage Range             | 45V - 58V                        |
| Maximum Charging Voltage            | 59V                              |
| Max. Charging / Discharging Current | 30A / 30A                        |
| Networking Interface                | RS485                            |
| Communication Protocols             | Modbus                           |
| Advantages                          | Stackable, BMS Upgradeable, IP65 |
| Depth of Discharge                  | 80%                              |