



The 8.2kWh battery pack is the most popular battery pack of its size for medium size properties.

During the summer there is enough capacity to store up to 50% of your daily generated energy (based upon a 4kWp PV system) and in the winter the pack can deliver up to 80% of your daily household energy (based upon a household using 10kWh/Day).

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. Our market-leading battery warranty means you can use your battery as often as you need for 12 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 8.2 Unlimited Gen 1

SPECIFICATIONS

Dimensions	669H X 223D x 480W (mm)
Weight	103Kg
Capacity	8.2kWh / 160Ah
Voltage	51.2V
Current	80A
Technology	LiFePO ₄ 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%