



The third generation of the GivEnergy 5.12kWh battery is more efficient than ever before. As well as its new smaller size and lower weight, the Giv-Bat 5.12 comes with higher capacity plus 100% depth of discharge.

The product also boasts maximum versatility. Its compact design means it can be wall mounted, floor stood, and installed in a variety of locations. It's also primed to use in a modular way – allowing the system to scale with the needs of the customer. Plus, plug and play terminations make for super easy installations.



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 5.12

Gen 3

SPECIFICATIONS

Dimensions	338H X 242D x 480W (mm)
Weight	50Kg
Capacity	5.12 kWh / 100 Ah
Voltage	51.2V
Current	50A
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	52MWh / 12 Years
Standard	IEC 62619/UL 1973 IEC 62619/CE/UKCA/UN38.3

ELECTRICAL PARAMETERS

Operating Voltage Range	46.4V - 57.6V
Maximum Charging Voltage	57.6V
Max. Charging / Discharging Current	60A / 60A
Networking Interface	RS485/USB/CAN
Communication Protocols	Modbus
Advantages	Stackable, BMS Upgradeable, IP65
Depth of Discharge	100%