



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.



Smart Remote Control

Comes with smart digital software for monitoring / management. Remote firmware updates keep your system at the cutting-edge.



IP65 Rating

Primed to withstand the weather and suitable for a variety of siting options - indoors or out.



Retrofit Compatible

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



Built To Last

Supplied with a 12-year warranty, and supported by an in-house team readily at hand to help.



Standalone Battery System

Can also work perfectly as a standalone battery without solar. Charge your system when energy is cheap and green, then discharge when energy is costly and dirty.

Giv-Bat 5.12

Gen 3

SPECIFICATIONS

Dimensions	338H X 242D x 480W (mm)
Weight	48±2kg
Capacity	5.12kWh / 100Ah
Voltage	51.2V
Current	60A continuous 120A Peak
Battery Chemistry	LiFePO ₄ Prismatic Cell
Ingress Protection Rating	IP65
Impact Protection Rating	IK10
Protection Class	1
BMS	Robust Multi Point Monitoring BMS Pre Installed
Warranty	12 Years
Charging Temperature	0°C - 50°C
Discharging Temperature	-10°C - 50°C
Storage Temperature	-30°C - 60°C
Warranty	12 Years
Standard	IEC 62619/CE/UKCA/UN38.3 IEC 62040
SKU	GIV-BAT-5.12-G3
Parallel Capability	Up to 5
Installation	Floor/wall standing

ELECTRICAL PARAMETERS

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