

Overview

EP-BAT-5.2-G3 battery pack is our most versatile battery and can be installed in a wider range of locations due to its compact design and can either be wall mounted or floor stood. This battery is primarily used in a modular way ensuring the system can grow with the needs of the consumer. 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-ammable and the battery pack is 99% recyclable.

Features

- **Remote Firmware**
Control and monitor your Smart System on the move via our EPEVER Monitoring App and Portal.
- **Flexible Rate Tariff**
Charge from the grid at off-peak times when energy is cheaper, and discharge at peak times where energy is more expensive.
- **5 Year Warranty**
Supplied with a full manufacturers warranty, extendable to 10 years. Our after sales service team are on hand to help you should any issues arise.
- **New Solar Installations**
Replace your old storage system with a brand new Smart System and gain the benefits of renewable energy.



Parameter	EP-BAT-5.2-G3
Basic Data	
Dimensions (H*D*W)	515 X 223 x 480 (mm)
Weight	63 Kg
Capacity	5.2 kWh / 102 Ah
Voltage	51.2V
Current	50A
Technology	LiFePO ₄ Cell
IP Grade	IP65
BMS Battery Manager System	Robust Multi Point Monitoring BMS Pre Installed
Life Cycling	10 years (80% DOD@25°C)
Operating Temperature	-10°C - 55°C
Storage Temperature	-30°C - 60°C
Warranty	52MWh / 10 Years
Standard	UN 38.3, IEC61000
Battery	
Operating Voltage Range	45V - 58V
Maximum Charging Voltage	59V
Max. Charging / Discharging Current	50A / 50A
Networking Interface	Rs485
Communication Protocols	Modbus
Advantages	Stackable, BMS Upgradeable, Ip65
Depth of Discharge	80%