

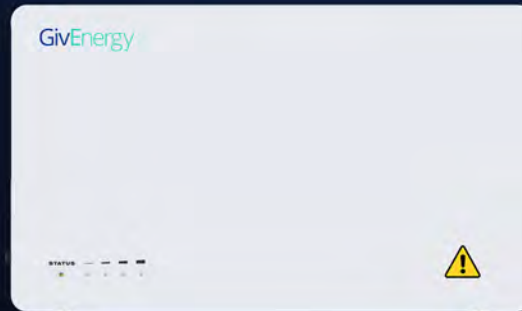
Battery Storage

LiFePO₄

- ◆ Using the latest LiFePO₄ prismatic cell technology
- ◆ Warranted throughput of 10 MWh per 1kWh of stored capacity Or 10 Years, Whichever comes first
- ◆ 0.5C-1C charge and discharge rate
- ◆ 170Wh per Kg +/- 5%
- ◆ Active BMS system allowing greater control and functionality
- ◆ Scalable Battery Packs - Up to 5 per inverter in 2019
- ◆ Fully Recyclable at end of life
- ◆ IP65



3.2kWh (16kWh scalable)



6.3kWh (31.5kWh scalable)



8.2kWh (41kWh scalable)

GivEnergy®

Specification

LiFePO₄ Battery

Model	Giv-Bat3.2	Giv-Bat6.3	Giv-Bat8.2
Capacity	3.2kWh	6.3kWh	8.2kWh
Voltage	51.2VDC	51.2VDC	51.2VDC
Current	61.5Ah	123Ah	161Ah
IP Grade	IP65	IP65	IP65
BMS	Robust multi point monitoring BMS pre installed		
Life cycling (80% DOD, 25°C)	10years		
Operation temperature	0°C~45°C		
Storage Temperature	-30°C~60°C		
Warranty BTT	32MWh	63MWh	82MWh
	10 years, whichever comes sooner		
Standard	UN 38.3, IEC61000		
Weight	28kg	53kg	74kg
Dimensions	380*340*191mm	690*390*182 mm	480*620*220 mm

Electrical Parameters

Operating voltage	44.4VDC-57.6VDC
Maximum Charging Voltage	60VDC
Maximum charging/ Discharging current	60A/60A
Network Interface	RS485
Communication Protocols	Modbus
Advantages	Stackable, BMS upgradeable, *IP65



Cell Technology Prismatic LiFePO₄

