

# Battery Storage

LiFePO<sub>4</sub>

- ◆ Using the latest LiFePO<sub>4</sub> 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 2020
- ◆ Fully Recyclable at end of life
- ◆ IP65



GivEnergy®

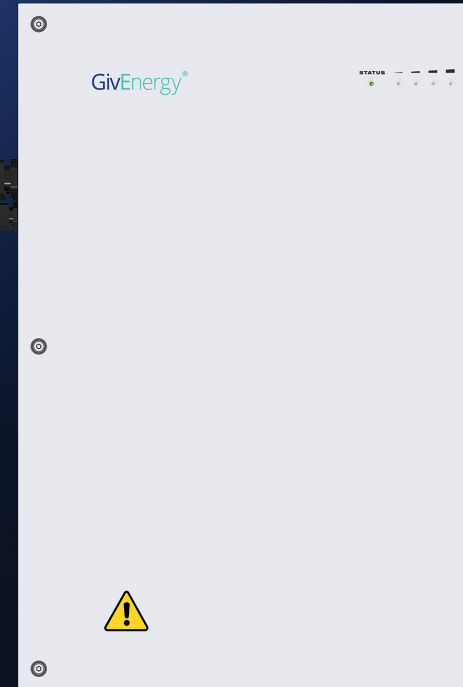
# Specification

LiFePO<sub>4</sub> Battery

Model	Giv-Bat2.6	Giv-Bat5.2	Giv-Bat8.2
Capacity	2.6kWh	5.2kWh	8.2kWh
Voltage	51.2VDC	51.2VDC	51.2VDC
Current	51Ah	102Ah	160Ah
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	26MWh	52MWh	Unlimited Cycles
	10 years, whichever comes sooner		
Standard	UN 38.3, IEC61000		
Weight	37.5kg	58kg	74kg
Dimensions	369*480*220 mm	515*480*205 mm	480*620*220 mm

## Electrical Parameters

Operating voltage	45VDC-57.2VDC
Maximum Charging Voltage	58VDC
Maximum charging/ Discharging current	60A/60A
Network Interface	RS485
Communication Protocols	Modbus
Advantages	Stackable, BMS upgradeable, *IP65



Cell Technology Prismatic LiFePO<sub>4</sub>