

# Giv-Bat 5.2





**Remote Firmware** 

Control and monitor your Smart System on the move via our GivEnergy Monitoring App and Portal.



Our IP65 rated enclosure gives protection against water and dust. Ideal for lofts and



Supplied with a full manufacturers warranty,

to help you should any issues arise.



#### **Retrofit Compatible**

Fit your new battery onto an existing system and start enjoying the benefits of our GivEnergy Smart System.

#### The 5.2kWh battery pack sits alongside our AC Coupled or Hybrid Inverter so that you can store energy from the grid or excess generation.

Utilising lithium iron phosphate, our batteries are extremely safe and can be installed in a wide range of locations. Heavy duty lifting handles make for easier installation, and can be wall mounted or floor standing. Non flammable and recyclable. Dimensions (HxDxW) 515 x 205 x 480 (mm)

Weight **54 Kg** 

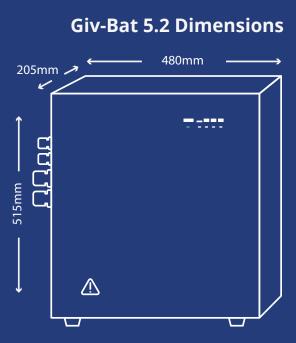
Depth of Discharge 90 %

Capacity **5.2 kWh / 102 Ah** 

## **GivE**nergy<sup>®</sup>

### TECHNICAL SPECIFICATIONS

MODEL	2.6	5.2	8.2
Specifications			
Capacity	2.6 kWh / 51 Ah	5.2 kWh / 102 Ah	8.2 kWh / 160 Ah
Voltage		51.2V DC	
Current	30A Charge / Discharge	60A	85A
Technology		LiFePO <sub>4</sub> Cell	
IP Grade		IP65	
BMS	Robust Multi Point Monitoring BMS Pre Installed		
Life Cycling (90% DOD, 25°C	10 Years		
Operating Temperature		-10°C - 55°C	
Storage Temperature		-30°C - 60°C	
Warranty BTT	26MWh / 10 Years	52MWh / 10 Years	Unlimited Cycles / 10 Years
Standard		UN 38.3, IEC61000	
Weight	32 Kg	54 Kg	94 Kg
ELECTRICAL PARAMETERS	2.6	5.2	8.2
Operating Voltage Range		43.2V - 58.5V DC	
Maximum Charging Voltage		59V DC	
Max Charging / Discharging Current	30A / 30A	60A / 60A	85A / 85A
Network Interface		RS485	
Communication Protocols		Modbus	
Advantages		Stackable, BMS Upgradeable, IP65	
Depth of Discharge	90%	90%	100%



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