

# Giv-Bat 5.2



### Remote Firmware

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



### IP65 Rating

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



### 10 Year Warranty

Supplied with a full manufacturers warranty, our dedicated UK support team are on hand 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**

MODEL	2.6	5.2	8.2
<b>Specifications</b>			
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
<b>ELECTRICAL PARAMETERS</b>			
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%

