



Our stackable battery is designed to work alongside the GivEnergy 3-Phase Hybrid Inverter.

High voltage BMS allows for greater charge and discharge power running at a lower current, providing higher efficiency than our lesser voltage range.



### 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.



### 12 Year Warranty

Supplied with a full manufacturer's warranty. Our UK team are on hand to help you should any issues arise.



### Stackable Design

Need a larger capacity? Modular design allows for multiple units to be installed in parallel.



### High Voltage

High voltage BMS allows for higher increased efficiency in charge and discharging.

# Stackable Batteries HV

## GIV-BAT-20.4-HV

### SPECIFICATIONS

Qty. of Batteries	6
Dimensions	1085H x 380D x 480W (mm)
Weight	226.3Kg
Capacity	20.4 kWh / 51 Ah
Voltage	460VDC
Max. Current*	25A
Technology	LiFePO <sub>4</sub> Cell
IP Grade	IP65
BMS	Robust Multi Point Monitoring BMS Pre Installed
Life Cycling (Optimal: 100% DOD at 25°C)	12 Years
Charging Temperature	0°C - 55°C
Discharging Temperature	-10°C - 55°C
Storage Temperature	-30°C - 60°C
Warranty BTT	Unlimited Cycles / 12 Years
Standard	UN 38.3, IEC61000
Standard Charge/Discharge	0.5C

### ELECTRICAL PARAMETERS

Operating Voltage Range	200 - 600V
Maximum Charging Voltage	525V
Max. Charging / Discharging Current	25A / 25A
Communication Protocols	CAN BUS
Advantages	Stackable, BMS Upgradeable, IP65
Depth of Discharge	100%
Kit Contents	6 x GIV-BAT-3.4-HV 1 x GIV-BAT-HV-KIT

\*Maximum current may vary depending on inverter model.

## GIV-BAT-17.0-HV

### SPECIFICATIONS

Qty. of Batteries	5
Dimensions	935H x 380D x 480W (mm)
Weight	190.8Kg
Capacity	17.0 kWh / 51 Ah
Voltage	384VDC
Max. Current*	25A
Technology	LiFePO <sub>4</sub> Cell
IP Grade	IP65
BMS	Robust Multi Point Monitoring BMS Pre Installed
Life Cycling (Optimal: 100% DOD at 25°C)	12 Years
Charging Temperature	0°C - 55°C
Discharging Temperature	-10°C - 55°C
Storage Temperature	-30°C - 60°C
Warranty BTT	Unlimited Cycles / 12 Years
Standard	UN 38.3, IEC61000
Standard Charge/Discharge	0.5C

### ELECTRICAL PARAMETERS

Operating Voltage Range	200 - 600V
Maximum Charging Voltage	438V
Max. Charging / Discharging Current	25A / 25A
Communication Protocols	CAN BUS
Advantages	Stackable, BMS Upgradeable, IP65
Depth of Discharge	100%
Kit Contents	5 x GIV-BAT-3.4-HV 1 x GIV-BAT-HV-KIT

## GIV-BAT-13.6-HV

### SPECIFICATIONS

Qty. of Batteries	4
Dimensions	785H x 380D x 480W (mm)
Weight	155.3Kg
Capacity	13.6 kWh / 51 Ah
Voltage	307VDC
Max. Current*	25A
Technology	LiFePO <sub>4</sub> Cell
IP Grade	IP65
BMS	Robust Multi Point Monitoring BMS Pre Installed
Life Cycling (Optimal: 100% DOD at 25°C)	12 Years
Charging Temperature	0°C - 55°C
Discharging Temperature	-10°C - 55°C
Storage Temperature	-30°C - 60°C
Warranty BTT	Unlimited Cycles / 12 Years
Standard	UN 38.3, IEC61000
Standard Charge/Discharge	0.5C

### ELECTRICAL PARAMETERS

Operating Voltage Range	200 - 600V
Maximum Charging Voltage	350V
Max. Charging / Discharging Current	25A / 25A
Communication Protocols	CAN BUS
Advantages	Stackable, BMS Upgradeable, IP65
Depth of Discharge	100%
Kit Contents	4 x GIV-BAT-3.4-HV 1 x GIV-BAT-HV-KIT

## GIV-BAT-10.2-HV

## SPECIFICATIONS

Qty. of Batteries	3
Dimensions	635H x 380D x 480W (mm)
Weight	119.8Kg
Capacity	10.2 kWh / 51 Ah
Voltage	230VDC
Max. Current*	25A
Technology	LiFePO <sub>4</sub> Cell
IP Grade	IP65
BMS	Robust Multi Point Monitoring BMS Pre Installed
Life Cycling (Optimal: 100% DOD at 25°C)	12 Years
Charging Temperature	0°C - 55°C
Discharging Temperature	-10°C - 55°C
Storage Temperature	-30°C - 60°C
Warranty BTT	Unlimited Cycles / 12 Years
Standard	UN 38.3, IEC61000
Standard Charge/Discharge	0.5C

## ELECTRICAL PARAMETERS

Operating Voltage Range	200 - 600V
Maximum Charging Voltage	262V
Max. Charging / Discharging Current	25A / 25A
Communication Protocols	CAN BUS
Advantages	Stackable, BMS Upgradeable, IP65
Depth of Discharge	100%
Kit Contents	3 x GIV-BAT-3.4-HV 1 x GIV-BAT-HV-KIT