

Stackable Batteries
HV

GIV-BAT-20.4-HV

SPECIFICATIONS

Qty. of Batteries	6
Dimensions	680H x 380D x 480W (mm)
Weight	226.3Kg
Capacity	20.4 kWh / 51 Ah
Voltage	460VDC
Max. Current*	25A
Technology	$LiFePO_4$ Cell
IP Grade	IP65
BMS	Robust Multi Point Monitoring BMS Pre Installed
Life Cycling (Optimal: 100% DOD at 25°C)	10 Years
Charging Temperature	0°C - 55°C
Discharging Temperature	-10°C - 55°C
Storage Temperature	-30°C - 60°C
Warranty BTT	Unlimited Cycles / 10 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.

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.

10 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.

GIV-BAT-17.0-HV

SPECIFICATIONS

Qty. of Batteries	5
Dimensions	665H x 380D x 480W (mm)
Weight	190.8Kg
Capacity	17.0 kWh / 51 Ah
Voltage	384VDC
Max. Current*	25A
Technology	$LiFePO_4$ Cell
IP Grade	IP65
BMS	Robust Multi Point Monitoring BMS Pre Installed
Life Cycling (Optimal: 100% DOD at 25°C)	10 Years
Charging Temperature	0°C - 55°C
Discharging Temperature	-10°C - 55°C
Storage Temperature	-30°C - 60°C
Warranty BTT	Unlimited Cycles / 10 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	650H x 380D x 480W (mm)
Weight	155.3Kg
Capacity	13.6 kWh / 51 Ah
Voltage	307VDC
Max. Current*	25A
Technology	$LiFePO_4$ Cell
IP Grade	IP65
BMS	Robust Multi Point Monitoring BMS Pre Installed
Life Cycling (Optimal: 100% DOD at 25°C)	10 Years
Charging Temperature	0°C - 55°C
Discharging Temperature	-10°C - 55°C
Storage Temperature	-30°C - 60°C
Warranty BTT	Unlimited Cycles / 10 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	$LiFePO_4$ Cell
IP Grade	IP65
BMS	Robust Multi Point Monitoring BMS Pre Installed
Life Cycling (Optimal: 100% DOD at 25°C)	10 Years
Charging Temperature	0°C - 55°C
Discharging Temperature	-10°C - 55°C
Storage Temperature	-30°C - 60°C
Warranty BTT	Unlimited Cycles / 10 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