

Stackable Batteries HV



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. Stackable designed units, flexible combination of 3-6 units, up to 20.4KWh capacity. Suitable for outdoor and indoor installations.



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.

Model	GIV-BAT-10.2-HV	GIV-BAT-13.6-HV	GIV-BAT-17.0-HV	GIV-BAT-20.4-HV
SPECIFICATIONS				
Qty. of Batteries	3	4	5	6
Nominal Capacity	11.98kWh	15.97kWh	19.97kWh	23.96kWh
Usable Capacity	10.2kWh	13.6kWh	17.0kWh	20.4kWh
Nominal Voltage	230VDC	307VDC	384VDC	460VDC
Max. Current*	25A			
Rated DC Power	6000W	8000W	10000W	12000W
Technology	LiFePO4 Cell			
IP Grade	IP65			
BMS	Robust Multi Point Monitoring BMS Pre Installed			
Operate Temperature	Charging: 0°C~55°C Discharging: -20°C~55°C			
Storage Temperature	-30°C - 60°C			
Life Cycling (Optimal: 85% DOD at 25°C)	5000 Cycles / 12 Years			
Rate of Charge/Discharge	0.5C			
Depth of Discharge	85%			
Dimensions	635H x 380D x 480W (mm)	785H x 380D x 480W (mm)	935H x 380D x 480W (mm)	1085H x 380D x 480W (mm)
Weight	133kg	164kg	195kg	226kg
ELECTRICAL PARAMETERS				
Operating Voltage Range (Min-Max)	190.8 - 259.2V	254.4 - 345.6V	318.0 - 432.0V	381.6 - 518.4V
Maximum Charging Voltage	262V	307V	438V	525V
Max. Charging / Discharging Current	25A / 25A			
Assembly	1P24S			
Display	LED&APP			
Kit Contents	1 x GIV-BAT-HV-KIT 3 x GIV-BAT-3.4-HV	1 x GIV-BAT-HV-KIT 4 x GIV-BAT-3.4-HV	1 x GIV-BAT-HV-KIT 5 x GIV-BAT-3.4-HV	1 x GIV-BAT-HV-KIT 6 x GIV-BAT-3.4-HV
Communication Protocols	CAN BUS			
Warranty BTT	5000 Cycles / 12 Years			
Standard	UN 38.3, EN IEC61000, IEC 62619, IEC 62040, VDE2510-50			

*Maximum current may vary depending on inverter model.

GIV-BAT-3.4-HV

SPECIFICATIONS

Qty. of Batteries	1
Dimensions	150H x 380D x 480W (mm)
Weight	34.5Kg
Capacity	3993Wh
Nominal Power	2000W
Nominal Voltage	76.8VDC
Max. Current*	25A
Technology	LiFePO ₄ Cell
IP Grade	IP65
BMS	Robust Multi Point Monitoring BMS Pre Installed
Life Cycling (Optimal: 85% DOD at 25°C)	12 Years
Charging Temperature	0°C - 55°C
Discharging Temperature	-20°C - 55°C
Storage Temperature	-30°C - 60°C
Warranty BTT	5000 Cycles / 12 Years
Standard	UN 38.3, EN IEC61000, IEC 62619, IEC 62040, VDE2510-50
Rate of Charge/Discharge	0.5C
Max. Charging / Discharging Current	25A / 25A
Communication Protocols	CAN BUS