

HIGH VOLTAGE BATTERY SERIES

RECHARGEABLE LFP BATTERY

GH02-5324



Smart O&M

Check the APP to find data on your phone.Remote diagnosis and OTA



Easy Installation

52kg/105.8lb per battery box, easy to move and install
Quick connector between boxes, no cable connecting



Safe & Reliable

Lithium Iron Phosphate (LFP) cell only
BMS, fuse and aerosol kit are built in connecting



Environment Adaptability

Wider temperature range: -20°C~+55°C
IP65 protection class



Expansion Flexibility

5kWh modular design, Scalable from 15kWh to 42kWh.



More Usable Energy

90% Depth of Discharge, more than 6000 cycles (0.5C, 25°C)



Long Lifespan

More than 15 years

Technical Specification



GH02-15K GH02-21K GH02-26K GH02-31K GH02-37K GH02-42K

BATTERY MODULE	3	4	5	6	7	8
Nominal Capacity [kWh]	15.974	21.299	26.624	31.949	37.274	42.598
Nominal Voltage [V]	153.6	204.8	256	307.2	358.4	409.6
Operating Voltage [V]	114.7-159.7	153-213	191.2-266.2	230-319	267.7-372.7	306-426
Max. Discharge [A]	50					
Charge Current [A]	50					
BatteryType	LiFePO4					
Cell Configuration	2P48S	2P64S	2P80S	2P96S	2P112S	2P128S
TECHNICAL DESCRIPTION						
Charging Operating Temperature [°C]	Charge: 0°C~+50°C					
Discharging Operating Temperature [°C]	Discharge: -20°C~+55°C					
Transportation SOC	30%					
Life Cycles	>8000cycles@25°C, 0.5C, 90%DOD					
Altitude [m]	≤ 2000					
Ingress Protection	IP65					
Installation	Ground-mounted					
Size (W×H×D) [mm]	670×645×396	670×800×396	670×955×396	670×1100×396	670×1265×396	670×1420×396
Weight [kg]	70.1	97.9	125.7	153.5	181.3	209.1
Rated Capacity	Test conditions: cell voltage 2.5V-3.65V, 25±3°C temperature range, 0.5C charge and discharge					
Available Capacity	Test conditions: 90% depth of discharge, 25±3°C temperature range, 0.5C charge and discharge					
Certification	UN38.3/CE/MSDS					