



Stacked High-voltage Battery



HFSH5kWh

M3/M4/M5/M6/M7/M8
Stacked High-voltage Battery



Smart O&M

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



Expansion Flexibility

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



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.



Environmental Adaptability

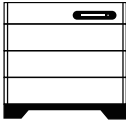
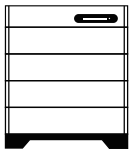
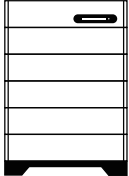
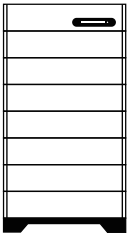
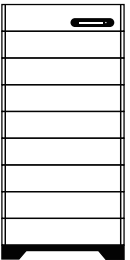
Wider temperature range: -20° C~+55° C. Adaptable for Various Applications..



Long Lifespan

More than 15 years More than 15 years designed lifespan, more than 6000 cycles (0.5C, 25° C)

Technical Specification

MODEL	HFSH5kWh-M3	HFSH5kWh-M4	HFSH5kWh-M5	HFSH5kWh-M6	HFSH5kWh-M7	HFSH5kWh-M8
Stacking method						
						
PERFORMANCE SPECIFICATION						
Nominal voltage (V)	153.6	204.8	256	307.2	358.4	409.6
Connection	2P48S	2P64S	2P80S	2P96S	2P112S	2P128S
Voltage working range (V)	114.7-159.7	153-213	191.2-266.2	230-319	267.7-372.7	306-426
Rated energy (kWh)	15.974	21.299	26.624	31.949	37.274	42.598
Dimensions (W*H*D) (mm)	670*645*396	670*800*396	670*955*396	670*1110*396	970*1265*396	670*1420*396
GENERAL DATA						
Capacity (Ah)	104					
Max.discharge current (A)	50					
Charge current (A)	50					
Battery type	LiFePO4					
Installation	Floor stand					
Protection class	IP65					
Cycle life	>6000 @ 25° C, 0.5C, 90%DOD					
Transportation SOC	30%					
Working temp (° C)	Charge: 0 ~ +50 Discharge: -20 ~ +55					
Storage temp (° C)	-20 ~ +35					
Communication	CAN/RS485					
STANDARD COMPLIANCE						
Certificates	IEC 62619, EN/IEC 61000-6-1&-6-3, UN38.3, RoHS, REACH, CEI 0-21					