

Home Energy Storage (Stackable, HV)



KEY STRENGTHS



High Efficiency

Max. efficiency 100%



Easy installation

45 Kg Battery modules



Safe and Reliable

Lithium iron phosphate
battery cells



Perfect Compatibility

Work with leading branded
inverters

Product Introduction



LFP Battery, Safe and long Cycle life



Supports off-grid and grid-connected scenarios



Stackable design, easy installation



High voltage solution makes higher conversion efficiency



Compatible with a variety of mainstream inverter

⚡ Battery Module

- 5.12 kWh per Module
- Modular and Stack Installation Design to simplify the maintenance
- Connect up to 64 module in parallel for a maximum size of 320 kWh.

Flexible, Efficient, Simple



Plug Connection

No Additional Wiring Required



5-60KWH

Tailored Sizing for Each Application



Extend Anytime

Easily Adapts to New Requirements



High Power

Power for Every Application

Technical Parameters

Battery Module	ZHSH20	ZHSH25	ZHSH30
Usable Energy (kWh)*1	20.45	25.6	30.72
Number of Modules	4	5	6
Cell Type	LFP(LiFePO4)		
Nominal Voltage (V)	204.8	256	307.2
Operating Voltage Range (V)	179.2 ~ 233.6	224 ~ 292	268.8 ~ 350.4
Nominal Dis- / Charge Current (A)*2	50		
Operating Temperature Range (°C)	Charge: 0°C ~ +50°C; Discharge: -10°C ~ +50°C		
Communication	CAN/RS485		
Weight (kg)	186	238	290
Dimensions (W × H × D mm)	1000*360*820	1000*360*1020	1000*360*1220
Ingress Protection Rating	IP55		
Round-Trip Efficiency	≥95%		
Applications	ON Grid + Backup / OFF Grid		