HANERSUN

HNB-HV

High Voltage
Stackable Energy
Storage Battery

7.5-20 kWh

KEY FEATURES

Expansion Flexibility

2.5kWh auto-recognition modular design, scalable from 7.5kWh to 20kWh.

More Usable Energy

90% depth of discharge, package level energy optimization.

Environment Adaptability

Can adapt to wide range of temperature: -10℃-55℃. IP 65 ingress protection.

Perfect Compatibility

Compatible with residential three phase inverters.

Easy Installation

25kg per battery module, one-person installation. No cable connection required, plug and play.

Safe & Reliable

Lithium iron phosphate(LFP) cell. Built-in BMS &Passive protection by fuse and aerosol.
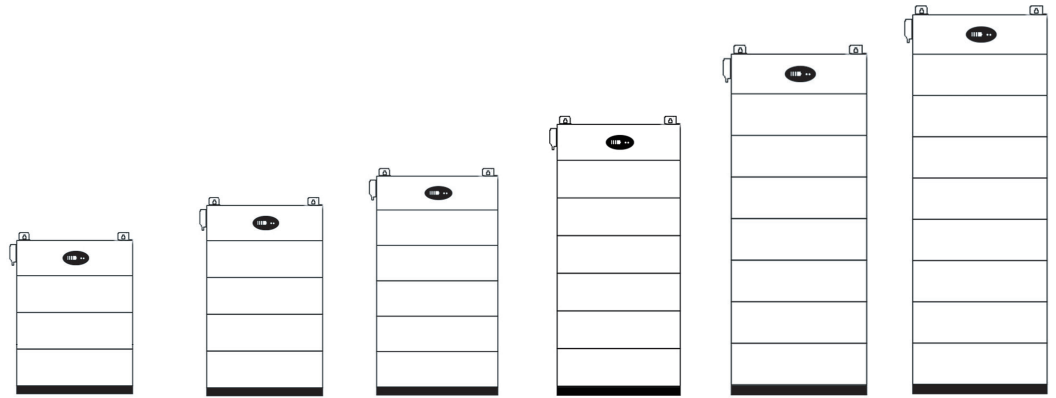
Temperature Control (optional)

Built-in electric thermal film design ensures system stability in winter.

Real Time Monitoring

Remote maintenance and upgrades.

PRODUCT PARAMETER

Mode	HNB7.5K-HV	HNB10K-HV	HNB12.5K-HV	HNB15K-HV	HNB17.5K-HV	HNB20K-HV
Nominal Voltage	144V	192V	240V	288V	336V	384V
Connection	1P45S	1P60S	1P75S	1P90S	1P105S	1P120S
Voltage Working Nominal	114.7V-159.7V	153V-213V	191.2V-266.2V	230V-319V	267.7V-372.7V	306V-426V
Capacity(kWh)	7.488kWh	9.984kWh	12.48kWh	14.976kWh	17.472kWh	19.968kWh
Weight	~ 80kg	~105kg	~129kg	~152.3kg	~176.2kg	~199.5kg
Dimension(L*W*H mm)	606x220x730	606x220x900	606x220x1070	606x220x1240	606x220x1410	606x220x1580
Capacity	52Ah					
Battery Type	LiFePO4					
Max. Charge Current(A)	35A					
Installation	Floor Installation					
Max. Discharge Current(A)	35A					
Recyclable	Fully recyclable at the end of life					
IP Protection	IP 65					
Cycle Life	>6000. 25℃, 0.5C 90%DOD					
Storage	–20℃~+35℃					
Working Temperature(℃)	Charge: 0℃~+55℃ Discharge:–20℃~+55℃					
Transportation SOC	30%					

CERTIFICATES

CE R6HS **UN38.3**

WARRANTY

5 YEARS