

HNB-LV

Wall Mounted Energy Storage Battery

2.5-10 kWh



KEY FEATURES



Expansion Flexibility

Support 1-8 battery in parallel.



Safe & Reliable

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



Easy Installation

Reduce floor space. Wall-mounted or floor-mounted is selected freely.



Environmental Adaptability

Wide range of temperature: -10°C-55°C. IP 65 grade.



Perfect Compatibility

Compatible with residential single & three phase inverters.



Long Life Span

15-20 years life design, more than 6000 cycles.

PRODUCT PARAMETER

Electrical Characteristics

Model	HNB2.5K-LV	HNB5K-LV	HNB10K-LV
Nominal Capacity	2.66kWh	5.22kWh	10.44kWh
Voltage	51.2V	51.2V	51.2V
Charge Voltage	57.6V	57.6V	57.6V
Discharge Voltage Range	43.2-57.6V	43.2-57.6V	43.2-57.6V
Max. Charging Current	35A	40A	90A
Max. Discharging Current	35A	75A	150A
Battery Type	LiFePO4	LiFePO4	LiFePO4
Max. Output Power	1792W	3840W	7168W
DOD	90%	90%	90%
Modules Connection	1-8 in parallel	1-8 in parallel	1-8 in parallel
Communication	CAN OR RS485	CAN OR RS485	CAN OR RS485
Cycle Life	≥6000 25°C 0.5C	≥6000 25°C 0.5C	≥6000 25°C 0.5C

Operating Conditions

Working Temp Range	Charge: 0°C-+55°C, Discharge: -10°C-+55°C		
Storage Temperature(°C)	-20°C-+35°C		
Net Weight (kg)	31kg	48.5kg	96kg
Gross Weight (kg)	33kg	52.5kg	125kg
Product Dimension (mm)	536*365*196	536.3*464*180.5	790*586*197
Package Dimension (mm)	609*436*257	592*522*252	950* 720*390

CERTIFICATES



UN38.3

WARRANTY

5 YEARS