

5.3 kWh Unit Low Voltage Battery



Model	HOME-ESS-LV-5.3K-S
Nominal Energy	5.3kWh
Capacity	5.3kWh/10.6kWh/15.9kWh/21.2kWh/26.5kWh/31.8kWh/37.1kWh/42.4kWh
Nominal Voltage	51.2V
Operating Voltage Range	43.2-57.6V
Cell Type	LFP(LiFePO4)
Dimension(W*D*H)	438*437*129mm
Weight	45.2Kg
Charging Temperature	From 0~50°C
Discharging Temperature	From -20~60°C
Depth of Discharge	95% DOD
Nominal Charging Current	100A
Nominal Discharging Current	100A
Enclosure Protection Rating	IP54
Cooling Type	Natural convection
Humidity	≤95%
Communication Port	CAN/RS485
Battery Safety	IEC 62619/CE
Transportation Certification	UN38.3

Higher Performance

- 100A rapid charge and discharge ability
- Highest 95% DOD, much more usable energy

Ultra Safety & Reliability

- Top quality LFP battery
- Intelligent BMS Protection Device

Easier Installation

- Compact modular design
- Less spare parts for plug and play installation & scaling up

Excellent Design

- Up to 8 units can be stacked in parallel
- Fits into cabinets for a cleaner look