



LVES Home L Series

SMART ENERGY
SUSTAINABLE SOLUTIONS „

3.2 kWh Low Voltage Battery


34.9Kg
Lighter Weight


40/60A
Rapid Charge and Discharge Ability


100%
DOD


IP54
IP Rating of Enclosure

Super Safe and Reliable

- Top quality LFP battery
- Smart BMS and online-EMS

Easier Installation

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

Higher Performance

- Rapid charge and discharge ability
- Highest 100% DOD, much more usable energy

Smart Management

- 7/24 real-time monitoring, remote diagnosis and upgrading
- Fast configuration via APP/Platform

LVES Home L Series

Model	HOME-ESS-LV-3.2K
Nominal Energy	3.2kWh
Nominal Voltage	51.2V
Operating Voltage Range	43.2-57.6V
Cell Type	LFP(LiFePO4)
Dimension(W*D*H)	484*165*302mm
Weight	34.9Kg
Charging Temperature	From 0 to 50°C
Discharging Temperature	From -10 to 50°C
Depth of Discharge	100% DOD
Nominal Charge Current	40A
Nominal Discharge Current	60A
Maximum parallel number	16
Enclosure Protection Rating	IP54
Cooling Type	Natural convection
Humidity	≤95%
Warranty	10 years
Communication Port	CAN/RS485/WIFI/Bluetooth
Battery Safety	IEC 62619/CE
Transportation Certification	UN38.3

IoT Technology Smart Systematic EMS Based on AI

An all-round platform to power your life

- ✓ Smart control to optimize your energy allocation provide 24/7 automatic monitoring
- ✓ Thoughtful cloud service for preserving batteries providing remote diagnostics or upgrades
- ✓ Intelligent technology extends battery life anticipates and resolves potential problems



Product Info

Hanchu Energy SA(PTY) LTD

- ✉ info@hanchuess.co.za
- ☎ +27 10 745 2702/3
- 🌐 www.hanchuess.co.za

Jiangsu Hanchu Energy Technology Co., LTD

- ✉ info@hanchuess.com
- ☎ 0086-510-88865288
- 🌐 www.hanchuess.com