



LVES Home L Series

HOME-ESS-LV-5.12K-M

SMART ENERGY
SUSTAINABLE SOLUTIONS



Easier Installation

- Ultra-thin body for easy handling
- Intelligent automatic addressing

Higher Performance

- Rapid charge and discharge ability (100A per unit)
- Highest 95% DOD, much more usable energy
- Maximum 200A for main circuit during parallel, no need to install combiner box

Smart Management

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

Super Safe and Reliable

- Top quality LFP battery
- Thermal aerosol fire protection module for extra protection in the home
- Smart BMS and online-EMS

LVES Home L Series

Model	HOME-ESS-LV-5.12K-M
Nominal Energy	5.12kWh
Nominal Voltage	51.2V
Operating Voltage Range	43.2-57.6V
Cell Type	LFP(LiFePO4)
Dimension(W*D*H)	400*139*650mm
Weight	45.5Kg
Charging Temperature	From 0 to 50°C
Discharging Temperature	From -10 to 55°C
Depth of Discharge	95% DOD
Nominal Charge Current	100A
Max. Charge Current	100A
Nominal Discharge Current	100A
Max. Discharge Current	100A
Maximum parallel number	16
Auxiliary Heating	Standard
Ingress Protection Degree	IP66
Cooling Type	Natural convection
Humidity	≤95%
Warranty	12 years
Communication	CAN/RS485/WIFI/Bluetooth
Battery Safety	IEC 62619/CE-EMC
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



EN202601150101-U



Product Info



Official Website

 info@hanchuess.com
  0510-88865288
  www.hanchuess.com

 No.9 Huicheng Road, Huishan District, 214177 Wuxi, Jiangsu, China