



LVES Home L Series

SMART ENERGY
SUSTAINABLE SOLUTIONS ”

5.12 kWh Low Voltage Battery



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 220A 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
Nominal Energy	5.12kWh
Nominal Voltage	51.2V
Operating Voltage Range	43.2-57.6V
Cell Type	LFP(LiFePO ₄)
Dimension(W*D*H)	338*138.5*600mm
Weight	46.5Kg
Charging Temperature	From 0 to 50°C
Discharging Temperature	From -10 to 60°C
Depth of Discharge	95% DOD
Nominal Charge Current	100A
Nominal Discharge Current	100A
Maximum parallel number	16
Ingress Protection Degree	IP54
Cooling Type	Natural convection
Humidity	≤95%
Warranty	10 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



Product Info



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