

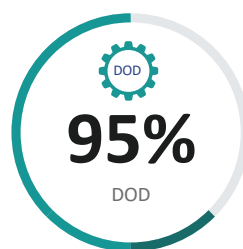
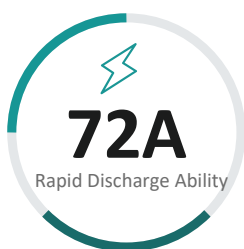


LVES Home L Series

SMART ENERGY
SUSTAINABLE SOLUTIONS



3.68 kWh Low Voltage Battery



Superior Performance

- Energy density is up to 122.88Wh/kg, 31.4% higher
- Maximum 1C discharge multiplier for more power

Excellent Design

- One-piece design, with hidden panels for a pure, minimalist look
- Heat dissipation backplate to enhance cooling performance

Easier Installation

- Compact modular design with 13% less thickness
- Few spare parts for plug-and-play installation and expansion

Intelligent Management

- 7/24 real-time monitoring, remote diagnosis and upgrading
- Creative IOT and AI technology based iESS 3.0

Greater Functionality

- Built-in WiFi with mobile phone tethering for interaction
- Supports 16 units in parallel and intelligent automatic addressing

Ultimate safety

- Intelligent BMS with seven layers of safety protection
- Safer LFP cells, breathable explosion-proof structure, PACK-level built-in fire protection

LVES Home L Series

Model	HOME-ESS-LV-3.68K
Nominal Energy	3.68kWh
Nominal Voltage	51.2V
Operating Voltage Range	43.2-57.6V
Cell Type	LFP(LiFePO4)
Dimension(W*D*H)	335*151*484mm
Weight	30.5Kg
Charging Temperature	From 0 to 50°C
Discharging Temperature	From -10 to 55°C
Depth of Discharge	95% DOD
Nominal Charge Current	36A
Max.Charge Current	72A
Nominal Discharge Current	36A
Max.Discharge Current	72A
Maximum parallel number	16
Ingress Protection Degree	IP65
Cooling Type	Natural convection
Humidity	≤95%
Warranty	10 years
Communication	CAN/RS485/WIFI/Bluetooth
Battery Safety	IEC 62619/CE-EMC/CE-RED
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

