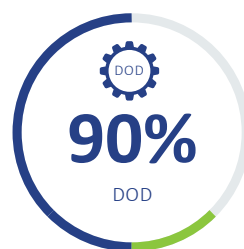




LVES Home L Series

16 kWh Low Voltage Battery

SMART ENERGY
SUSTAINABLE SOLUTIONS „



Higher Performance

- 200A rapid charge and discharge ability
- Highest 95% DOD, much more usable energy

Ultimate safety

- Intelligent BMS with seven layers of safety protection
- Top quality LFP battery

Excellent Design

- Supports 16 units in parallel and intelligent automatic addressing
- Floor-standing design saves installation steps

Intelligent Management

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

LVES Home L Series

Model	HOME-ESS-LV-16K-S
Nominal Energy	16.07kWh
Nominal Voltage	51.2V
Operating Voltage Range	43.2-57.6V
Cell Type	LFP(LiFePO ₄)
Dimension(W*D*H)	410*236.7*825mm ¹⁾
Weight	114Kg
Charging Temperature	From 0 to 50°C
Discharging Temperature	From -10 to 55°C
Depth of Discharge	90% DOD
Nominal Charge Current	160A
Max.Charge Current	200A
Nominal Discharge Current	160A
Max.Discharge Current	200A
Maximum parallel number	16
Ingress Protection Degree	IP54
Cooling Type	Natural convection
Humidity	≤95%
Warranty	5 years
Communication	CAN/RS485/WIFI/Bluetooth
Battery Safety	IEC 62619/CE-EMC
Transportation Certification	UN38.3

1) Dimensions include wheels; wheel height is 75mm.

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



EN202509300002-A



Product Info

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