



# LVES Home L Series

## 5.12 kWh Low Voltage Battery

### Easier Installation

- ✓ Ultra-thin body for easy handling
- ✓ Intelligent automatically addressing

### Smart Management

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

### Higher Performance

- ✓ Rapid charge and discharge ability (100A per unit)
- ✓ Highest 95% DOD, much more usable energy
- ✓ Maximum 250A for main circuit during parallel, no need to install combiner box

### Super Safe and Reliable

- ✓ Top quality LFP battery
- ✓ Fire-protection for ever pack
- ✓ Smart BMS and online-EMS

“Power Your Home  
Power Your Life”

# LVES Home L Series

Model	HOME-ESS-LV-5.12K
Nominal Energy	5.12kWh
Capacity	5.12kWh/10.24kWh/15.36kWh/20.48kWh/25.6kWh/30.72kWh/35.84kWh/40.96kWh
Nominal Voltage	51.2V
Operating Voltage Range	43.2-57.6V
Cell Type	LFP(LiFePO4)
Dimension(W*D*H)	338*138.5*600mm
Weight	46.5Kg
Charging Temperature	From 0~50°C
Discharging Temperature	From -20~55°C
Depth of Discharge	95% DOD
Nominal Charging Current	100A
Nominal Discharging Current	100A
Enclosure Protection Rating	IP54
Cooling Type	Natural convection
Humidity	≤95%
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



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