

# LMS-16K-A

LV movable Residential Energy Storage System



## High-Safety

- Integrated firefighting module (optional)
- Lithium Iron Phosphate (LFP) Cell

## High Energy Density & efficiency

- 314Ah cell, high Energy Density
- Smart BMS with balance function make it have a high efficiency.

## Household appliance style

- Simple and elegant appearance, colorful LED running & SOC lighting decorate your house.

## Easy Installation & Flexible Expansion

- Movable design
- Max 16pcs in parallel(256kWh)

## Long lifespan

- 8000 cycles
- Module clamping process make it have a long lifespan

## Remote monitoring

- Optional for Bluetooth & wifi App, easy to monitoring the battery

Item	Parameters
Cell model	LFP 3.2V 314Ah
Combination mode	1P16S
Rated energy	16.07KWh
Useable energy	15.27kWh
Rated capacity	314Ah @0.5C@25°C
Rated voltage	51.2V
Voltage range	43.2~57.6V
Rated charge/discharge current	157A
Max charge/discharge current	200A
Cycle life	≥ 8000 cycles @70%EOL@0.5C/0.5C@25°C
Operation temperature range	Charge: 0~55°C Discharge: -20~55°C
Storage conditions	≤ 3months @-20~45°C ≤ 6 months @0~35°C
Relative humidity	5~95%
Altitude	≤ 4000m
Protection grade	IP20
Installation mode	Floor mounted
Firefighting (optional)	Aerosol
Max. parallel numbers	16
Communication	CAN / RS485 / RS232
Dimension (W*D*H,mm)	500*250*920, ±2
Weight	122±2kg
Certification	CE / UN38.3