

ALM24314 (25,6V - 314Ah)

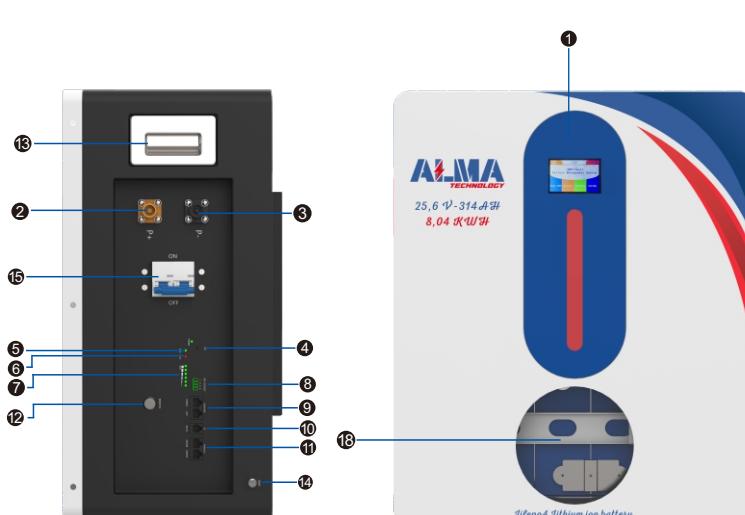
LiFePO4 Lithium Battery

Wall-Mounted Model

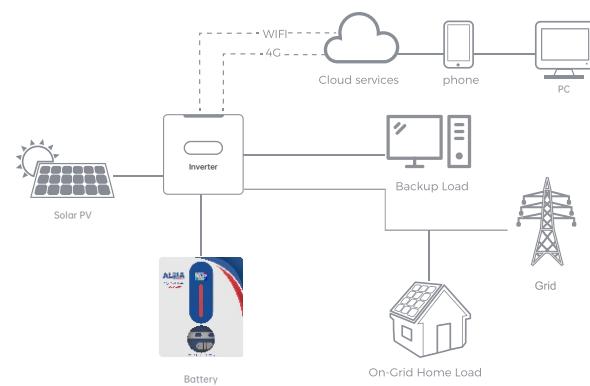


Product Features

- Brand-new cells ensure long lifespan, excellent stability, and reliable safety—ideal for daily home energy storage.
- Delivers 8038Wh of energy, perfect for storing solar power or serving as backup during outages.
- Built-in LED indicators show real-time battery charge level, making energy management simple and intuitive.
- Intelligent Battery Management System ensures safe operation with protection from overcharging, over-discharging, and short circuits.
- Compact, lightweight, and housed in a strong ABS enclosure—easy to install and suitable for residential environments.



1 LCD Display Screen	2 Positive Terminal	3 Negative Terminal
4 RST Button	5 RUN Lighting	6 ALM Lighting
7 SOC Lighting	8 Dry Contact	9 INVERTER PORT
10 PC Port	11 PARALLEL Port	12 Switch
13 Metal Handle	14 Ground Wire	15 Breaker
16 Transparent Window		



Model

ALM24314 (25.6 V - 314 Ah)

Rated Voltage	25.6V
Rated Capacity	314Ah
Cell Model	EVE MB31 314 AH
Rated Energy	8.038kWh
Output Voltage Range	21.6V~29.2V
Charging Voltage	28.8V~29.2V
Cut-off Voltage	21.6V
Max. Charging Current	200A
Recommended Charging Current	100A
Max. Discharging Current	200A
Efficiency	>99%
Dimension L*W*H (mm)	550*460*265
Weight (kg)	≈66
Humidity	5%~95% Relative humidity
Charging Temperature	0°C~55°C
Discharging Temperature	-20°C~60°C
Storage Temperature	-10°C~30°C
Cycle Life	≥8000 times (0.2C, @25°C, 80%DOD)
Design Life	15 years
Warranty Life	12 years
BMS Type	PACE BMS 200A 3.5 inch touch screen

Application scenarios

