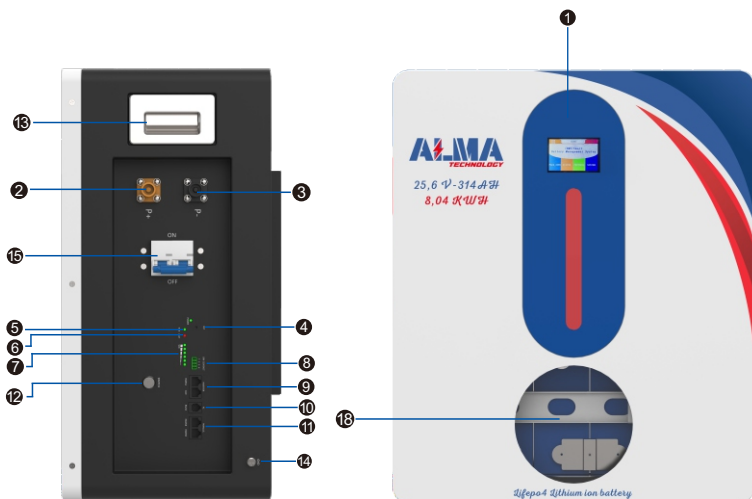


# ALM24314 (25,6V - 314Ah) LiFePO4 Lithium Battery Wall-Mounted Model

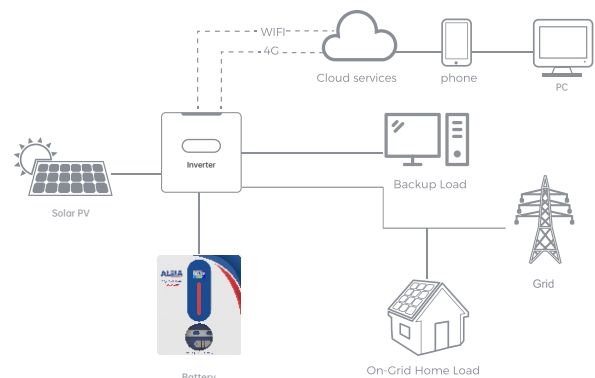


## Product Features

- 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



Villa



Private Home



Manor



Small farm