

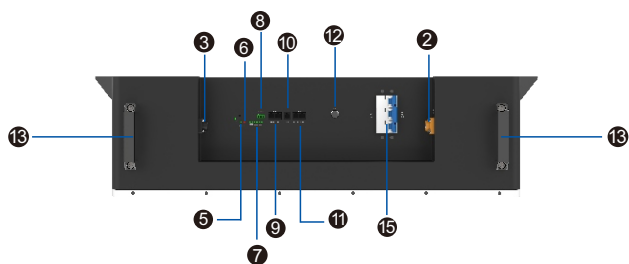
ALM51628 (51,2V - 628Ah) LiFePO4 Lithium Battery

Wheel-Mounted Model

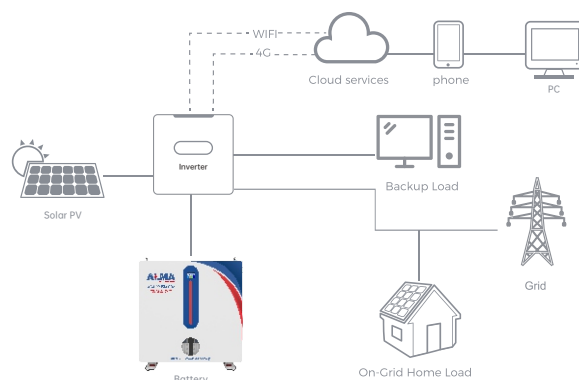


Product Features

- Brand-new cells ensure long lifespan, excellent stability, and reliable safety—ideal for daily home energy storage.
- Delivers 32154Wh 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	ALM51628 (51.2 V - 628 Ah)
Rated Voltage	51.2V
Rated Capacity	628Ah
Cell Model	EVE MB31 314 AH
Rated Energy	32.15kWh
Output Voltage Range	43.2V~58.4V
Charging Voltage	57.6V~58.4V
Cut-off Voltage	43.2V
Max. Charging Current	300A
Recommended Charging Current	150A
Max.Discharging Current	300A
Efficiency	≥99%
Dimension L*W*H (mm)	850*870*255
Weight (kg)	≈231
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 300A 3.5 inch touch screen

Application scenarios



Villa



Private Home



Manor



Small farm