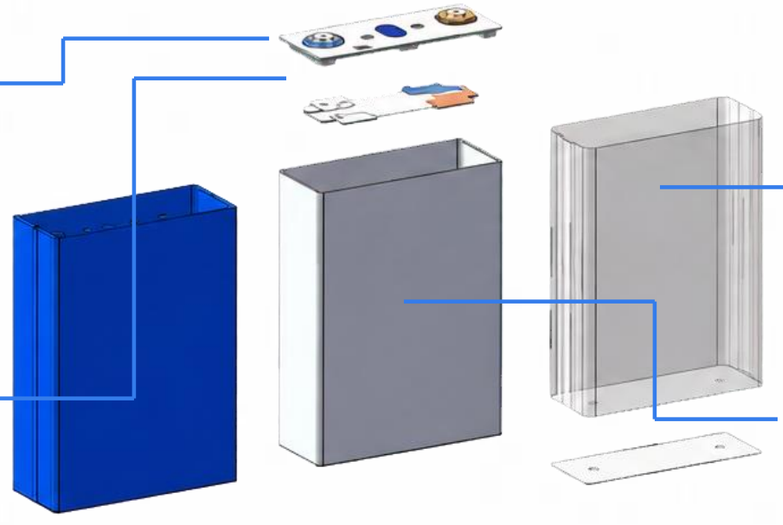
314Ah
Lithium-Ion Cell



Capacity	Energy Density	Energy Efficiency	Cycle Life
328Ah	406.7Wh/L	96.5%	12,000 cycles





Fully Overmolded Terminal Insulation

Provides improved dielectric withstand capability to meet the insulation requirements.

Component-Level Short-Circuit Protection

Mitigates internal short-circuit risks at critical structural interfaces.

Full-Wrap Insulation design

Enhances corrosion protection and long-term reliability throughout the cell service life.

Space-Optimized Cell Architecture

Maximizes internal volume utilization to enable higher capacity.

Declaration: Jinko Energy Storage Co., Ltd. reserves the right of final interpretation with respect to all data contained in this Specification.

Cell Specifications

Cathode Material	Lithium Iron Phosphate (LFP)
Nominal Capacity	314Ah
Initial Capacity	328Ah
Nominal Voltage	3.2V
Operating Voltage	2.5~3.65V(T>0°C) 2.0~3.65V(T≤0°C)
Initial Energy	≥1,049.6Wh
Room Temperature Cycle Life	≥12,000 cycles @ 70% SOH
Energy Efficiency	94.5%@25°C,0.5P 96.5%@25°C,0.25P
Operating Temperature	Charging: 0~60°C Discharging: −30~60°C
Calendar Life	25 years@70%EOL

Mechanical & System Specifications

Case Material	Aluminum
Cell Weight	5.5 ± 0.15kg
Dimensions (L × W × H)	173.7 × 71.7 × 207.2mm
Operating Altitude/Humidity	≤5,000m ≤95% RH
Standards/Certifications	GB/T 36276-2023, IEC 62619, UL 9540A, UN 38.3, UL 1973, MSDS, RoHS & REACH

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