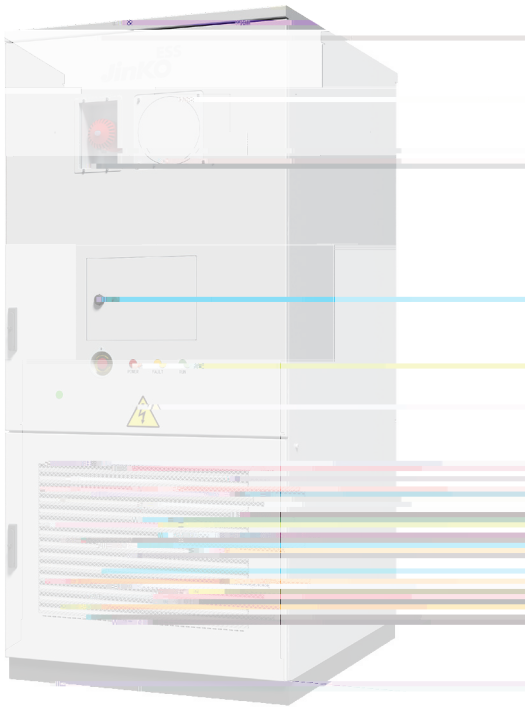
SunGiga G2

261kWh

Liquid Cooling ESS Solution



The Jinko 261 kWh Liquid-Cooled Integrated Cabinet is a compact, all-in-one energy storage solution for 1000V applications. It fully integrates the battery, BMS, PCS, and fire protection to deliver 261 kWh of capacity and 130.5 kW of power. Designed for flexible deployment, it ensures high safety, intelligent thermal management, and advanced system control in a single, streamlined unit.

In-house LFP Cell for Longevity & Reliability

Utilizes proprietary 314Ah $LiFePO_4$ cells, ensuring quality control and supply stability. Supports over 8,000 cycles for extended service life and lower lifecycle cost.

Higher Energy Density in Compact Design

Achieves 28% higher energy density with 10% reduced volume. Occupies only 1.5m² footprint, boosting system density by 33%.

Pre-integrated & Plug-and-play System

Fully assembled and tested at factory for quick installation. Reduces on-site deployment time and simplifies logistics and commissioning.

Flexible & Safe Operation

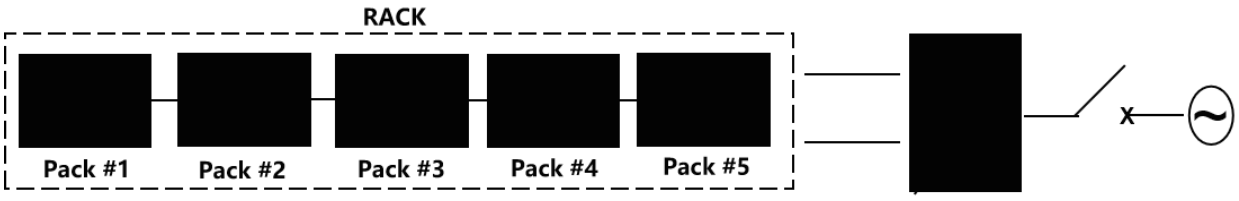
Hybrid inverter (PCS) supports both on-grid and o -grid modes. Features controlled venting for thermal runaway management and integrated fire alarm linkage.

Advanced Thermal Management

Precise temperature control with non-uniform flow channel design. Maintains cell temperature variation within ≤2 , enhancing safety and lifespan.

Scalable & Rugged Configuration

Supports expansion of up to 12 cabinets for flexible capacity. Wide operating temperature range ensures performance in harsh climatic conditions.



Cell Type	
Max. Charge/Dischage Power	
System Configuration	
Pack Quantity	
Nominal Capacity	
Rated Voltage	
Nominal Voltage Range	

AC Side

Rated AC Power	
Rated Voltage	
AC Connection	
Rated Frequency	x /
THDi	

General Data

Operating Temperature	-30 ~55 , derating > 45°C
Operating Humidity	≤ 95%RH, without condensation
Operating Altitude	≤ 3000m
Ingress Protection	IP55
Cooling Method	
Max Parallel Quantity	
Fire Suppression System	System aerosol gas extinguisher + Smoke detection + Temperature sensing +Flammable gas detection
Corrosion Protection Class	
Communication	
Dimensions W×D×H	