

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 LiFePO₄ 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 off-grid modes. Features controlled venting for thermal runaway management and integrated fire alarm linkage.



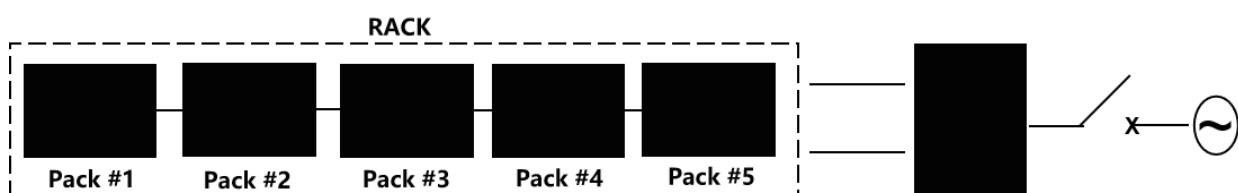
Advanced Thermal Management

Precise temperature control with non-uniform flow channel design. Maintains cell temperature variation within $\leq 2^\circ\text{C}$, 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

NC Side

Rated AC Power
Rated Voltage
AC Connection
Rated Frequency
THDi

General Data

Operating Temperature
Operating Humidity
Operating Altitude
Ingress Protection
Cooling Method
Max Parallel Quantity
Fire Suppression System
Corrosion Protection Class
Communication
Dimensions W×D×H

-30 ~55℃ , derating > 45℃
≤ 95%RH, without condensation
≤ 3000m
IP55
System aerosol gas extinguisher + Smoke detection + Temperature sensing +Flammable gas detection