

JinkoSolar to Deliver SunGiga C&I Storage System for ESS Project in Zhejiang

JinkoSolar, one of the largest and most innovative solar module manufacturers in the world, has announced it has delivered a 430kWh ESS project in Zhejiang, China with the company's liquid cooling C&I energy storage system, the JKS-215KLAA-100PLAA.

Increased safety, lower LCOE, easier integration, and operation & maintenance (O&M) costs, are always major concerns for stakeholders when choosing an

Lower LCOE

Due to the liquid cooling technology, the SunGiga C&I ESS comes with a lower battery temperature difference, extending the lifetime of batteries and significantly improving the charging and discharging efficiency. Compared with the conventional air-cooling design, the liquid cooling system also significantly reduces thermal management energy consumption. The automatic state of charge (SOC) calibration and the automated coolant refilling considerably reduce operation and

Ultimate Safety

Safety is the top priority for battery system technology. JinkoSolar's SunGiga offers comprehensive safety design from the cell, electrical, and system levels. AI-assisted cell monitoring technology performs high-precision online computing of cell status and provides early-stage warnings to prevent thermal runaway. SunGiga offers temperature, humidity, and combustible gas detection as well as a ventilation system as standard FSS configuration.

Battery Parameter

Cell type

Max. charging/discharging rate

Cell combination method

PACK

Rated power

Rated voltage

Voltage range

Cooling method

System Parameter