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

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

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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.