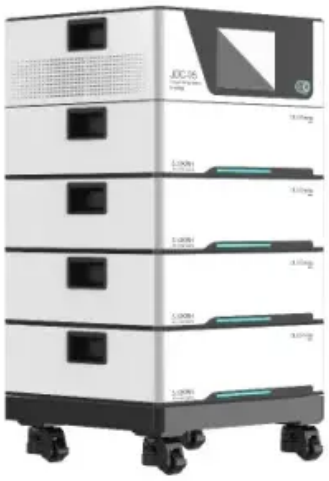
SOLAR PRO.

SolarTech Power Solutions

Technical requirements for liquid-cooled energy storage cabinets



Overview

Technical Specifications Cooling Method: Cabinet-level liquid cooling Temperature Difference: <3°C across cells Cycle Life: 6,000+ cycles at 80% DoD Energy Density: Up to 280Wh/kg Scalability: 0.5MW to 20MW+ configurations.

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rous sources such as flammable and explosive materials in the installation area. For projects that require the construction of installation foundations, the purchaser must ensure that there are no underground water, gas, and electricity pipelines at the lo sories purchased by the supplier, shall c.

kWhenergy storage blocks. Designed for 373kWh's to 100MWh+systems. Each 373kW liquid cooled outdoor cabinet olution is pre-engineered and man tally controlled liquid cooled cabinet including fire suppression. Multiple 373kWh cabinets can e installed together creating up to 4472k h energy storage.

SUNWODA’s Outdoor Liquid Cooling Cabinet is built using innovative liquid cooling technology and is fully-integrated modular and compact energy storage system designed for ease of deployment and configuration to meet your specific operational requirement and application including flexible peak.

When selecting a liquid-cooled energy storage cabinet, consider the following factors: Capacity Requirements: Determine the energy storage capacity you need based on your application and power requirements. Cooling Efficiency: Look for systems with high liquid cooling efficiency to ensure optimal.

Integrated performance control for local and remote monitoring. Data logging for component level status monitoring. Realtime system operation analysis on terminal screen. TECHNICAL SHEETS ARE SUBJECT TO CHANGE WITHOUT NOTICE. Max. Altitude (Above Sea Level) TECHNICAL SHEETS ARE SUBJECT TO CHANGE.

Designing an efficient Liquid Cooled Energy Storage Cabinet begins with an understanding of heat generation at the cell level and the role of uniform temperature control in performance stability. Lithium-ion cells are sensitive to thermal fluctuations; even minor differences in cell temperature.

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