



Tonga sunwoda bess

What is sunwoda's high-capacity liquid cooling energy storage system?

The high-capacity liquid cooling energy storage system named NoahX 2.0 is built around Sunwoda's 314Ah battery cell and achieves capacities of 4.17MWh/5MWh in a 20ft container structure. Sunwoda Energy today announced the official launch of its high-capacity liquid cooling energy storage system named NoahX 2.0 at RE+2023.

Who is sunwoda energy?

As a wholly-owned subsidiary of Sunwoda Group (SZ300207), Sunwoda Energy has leveraged its parent company's 26 years of expertise in lithium battery technology and specialized in network energy, residential energy storage, C&I energy storage, utility energy storage, and smart energy.

Is sunwoda launching a new energy storage system?

Sunwoda Energy today announced the official launch of its high-capacity liquid cooling energy storage system named NoahX 2.0 at RE+2023. The new product marks a significant leap forward in system energy, cycle life, smart management, and safety, solidifying the company's position at the forefront of the energy storage industry.

What is sunwoda LBCs?

All-in-one design, rapid installation and deployment. Sunwoda LBCS (liquid -cooling Battery Container System) is a versatile industrial battery system with liquid cooling shipped in a 20-foot container. The standard unit is prefabricated with a modular battery cluster, fire suppression system, water cooling unit, and local monitoring.

How does sunwoda 314ah work?

The 314Ah cell features a thinner top cover and mortise and tenon structure to optimize space utilization by 4%. By integrating Sunwoda's liquid cooling CTP 2.0 grouping technology, the system achieves capacities of 4.17MWh/5MWh in a 20ft container.

What is Bess & how does it work?

As a system integrated with energy storage technology and renewable generation technology, BESS can provide energy storage and power output management in power generation. BESS provides smart load management for power transmission and distribution, and timely peak and frequency regulation based on the load situation of the grid.

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5MWh ??????SMA ??????, ?????????, ? ...

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4.17MWh/5MWh in a 20ft container. It is a 52% increase in system energy compared to its predecessor NoahX 1.0 and a 21% increase compared to the 3.44MWh products in the market.

By storing any excess renewables and smoothing out the energy output, large-scale battery energy storage systems (BESS) enable variable energy shifting and ensure power supply is available and sufficient when needed.

Sunwoda's BMS algorithm can proactively identify sudden internal short circuits and the system incorporates a combustible gas emission and explosion venting design. These safety designs enable the battery system to achieve an IP54 protection level.

Sunwoda Energy, a subsidiary of Sunwoda Group, one of the world's largest lithium-ion battery OEMs, has signed a deal with Gryphon Energy to develop a 1.6GWh battery energy storage system (BESS) in Queensland, Australia.

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