

PEES Power Systems

Blade Energy Storage Battery Container



Overview

The so-called MC Cube-SIB ESS container is the "world's first high-performance" sodium-ion battery for grid energy storage and is built with the company's innovative Blade packing architecture, according to BYD's Kai Wang. This battery energy storage solution, featuring 2,170 Ah capacity blade-batteries, can deliver or store up to 14.5 MWh during Solar & Storage Live 2025. Posting on business networking site LinkedIn, BYD Energy Storage's UK and Ireland head Kai Wang announced the. The Chinese company highlights that its Haohan battery sets a new benchmark for grid-scale storage. Each unit offers a minimum capacity of 14. Housed in a standard 20-foot container, the battery delivers 10 MWh and reaches a. Fortescue has delivered its first-ever large-scale Battery Energy Storage System (BESS) to North Star Junction (NSJ), marking a major milestone in the Company's mission to decarbonise its Pilbara iron ore operations. At the heart of it is the 2710Ah Blade Battery — the largest of its kind — designed specifically for stationary storage, not repurposed EV cells. As gas generation declines and renewable energy rises.

Blade Energy Storage Battery Container



BYD launches new Blade-based home battery: Battery-Box HVB

The system incorporates BYD's Blade Battery technology, previously used in its electric vehicles, and is designed to offer higher energy density than earlier models. The system remains modular, in the ...

BYD Unveils World's Largest Storage-Dedicated Blade Battery (2710Ah)

BYD's new Haohan Energy Storage System sets a benchmark for utility-scale ESS. At the heart of it is the 2710Ah Blade Battery -- the largest of its kind -- designed specifically for

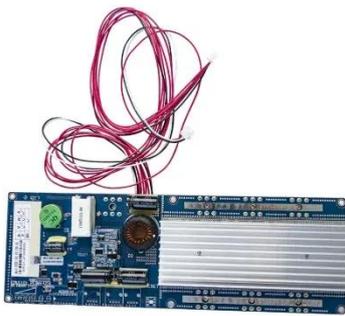


Fortescue delivers first large scale BYD Battery Energy Storage System

Powered by BYD's advanced Blade Battery technology, the NSJ BESS will store renewable energy generated during the day and supply green power to Fortescue's Pilbara Energy Connect (PEC) ...

BYD Rolls Out Blade-Battery Storage Solution At Solar & Storage Live 2025

The key feature of this product is the use of battery cells that resemble metal blades, thus called blade-battery. Unlike the packing of many small, cylindrical or short prismatic cells into a pack, a blade cell ...



Blade Energy Storage Battery Container: The Future of Grid-Scale

Traditional lithium-ion battery racks occupy football field-sized spaces while delivering mediocre thermal management. What if we told you a single blade-style container could store 40% more energy within the ...

China's BYD targets next-gen grid storage with massive 14.5 MWh DC ...

Each unit offers a minimum capacity of 14.5 MWh - over twice the typical 6-7 MWh found in most large systems. Housed in a standard 20-foot container, the battery delivers 10 MWh and reaches a





BYD's road to energy storage BYD Blade cell 3.2V 54Ah 69Ah 82Ah ...

On , BYD released the MC Cube ESS blade cube energy storage system, which is BYD's first energy storage system integrated with blade batteries. It has an ultra-large capacity of ...

BYD details first 2.3 MWh sodium-ion battery pack for grid-level energy

The so-called MC Cube-SIB ESS container is the "world's first high-performance" sodium-ion battery for grid energy storage and is built with the company's innovative Blade packing



BYD launches sodium-ion grid-scale BESS product

Chinese EV giant BYD has launched what an executive claimed is the 'world's first high-performance' sodium-ion BESS product, using its proprietary form factor Long Blade Battery cell.

Container-sized batteries are powering the next global energy

BYD's Blade battery uses lithium-iron-phosphate chemistry in a long, prismatic format that favors cost, safety, and thermal stability over extreme energy density.



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