



Charge and discharge rate of liquid-cooled solar energy storage cabinet system



Overview

Each cabinet features five 52kWh LFP battery packs (314Ah cells, 1P260S configuration) with 832V nominal DC voltage, $\leq 0.5C$ charge/discharge rate, and 98% depth of discharge. The DC voltage range is 728-949V (125kW) or 728-936V (130kW). The 125kW 261kWh Liquid-Cooled Battery Energy Storage System by GSL Energy integrates advanced liquid cooling technology with high-performance battery cells, offering an ideal solution for energy-intensive scenarios. Each liquid-cooled cabinet houses five 314Ah battery modules, with each module. The MEGATRON 125/130 series offers advanced commercial and industrial (C&I) Li-Ion battery energy storage systems using LFP chemistry, available in 125kW/261kWh (IEC-compliant for global markets) and 130kW/261kWh (UL-compliant for North America) variants. At Felicity Solar, we provide energy storage solutions that combine reliability, efficiency, and. Discover the CESS-125K261—an all-in-one 261kWh energy storage cabinet designed by leading energy storage cabinet manufacturer GSL ENERGY. Engineered with advanced 314Ah battery cells and a state-of-the-art liquid cooling system, this AC-coupled system is ideal for industrial and commercial power. The all-in-one liquid-cooled ESS cabinet adopts advanced cabinet-level liquid cooling and temperature balancing strategy. The cell temperature difference is less than 3°C, which further improves the consistency of cell temperature and extends the battery life. The modular design makes the parallel.



Article Content

261kWh Liquid-Cooled Energy Storage: 2026 Guide for Farms, Islands ...

Discover how the SolarEast 261kWh energy storage cabinet powers farms, islands, and data centers. Featuring 314Ah liquid cooling tech for 20-year ROI. Download our 2026 technical white ...

Cube 261

It comes with advanced air cooling technology to quickly convert renewable energy sources, such as solar and wind power, into electricity for reliable storage. It is a ...

125kW 261kWh Liquid-Cooled Battery Energy Storage ...

Each liquid-cooled cabinet houses five 314Ah battery modules, with each module consisting of 52 REPT 314Ah LiFePO₄ cells in series, delivering 52.2kWh per ...

125kW x 261kWh Energy Storage Cabinet

All-in-One Liquid-Cooled Battery Energy Storage System Energy Storage Cabinet 125kW / 130kW x 261kWh The MEGATRON 125/130 series offers advanced commercial and industrial (C& I) Li-Ion ...

Solar Liquid Cooling Cabinet | Felicity Solar Liquid ...

Felicity Solar's solar liquid cooling cabinet efficiently charge and discharge, providing stable power supply for industrial and commercial energy storage ...

ECO-E233LS | SHANGHAI ELECNOVA ENERGY STORAGE CO., LTD.

The modular design makes the parallel solution more flexible and has higher energy density, which significantly improves the economy, ...

Sunway Intelligent liquid-cooled 100kW 261kWh ...

Engineered for high-capacity commercial and industrial applications, this all-in-one outdoor solution integrates lithium iron phosphate batteries, modular PCS, ...

CESS-125K261 AC Coupled All-in-one Liquid Cooling ...

Each unit offers over 12,000 cycles, delivering reliable energy even in frequent charge/discharge scenarios. Enhanced with advanced materials, this design ...

GSL Energy | 125kW/261kWh liquid cooling AC coupled battery

The GSL All-in-One Liquid-Cooled Battery Energy Storage Cabinet (125kW/261kWh) is a cutting-edge energy storage solution designed for high performance, safety, and reliability.

Large Scale C& I Liquid and Air cooling energy storage ...

Our industry-leading solar battery storage solutions feature safe and durable LFP (Lithium Iron Phosphate) technology, high charge/discharge rates (1P or 1C), ...

Contact Us

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