



## 230 kWh energy management

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The 100kW/230 kWh liquid cooling energy storage system was independently designed and developed by BENY. Widely used in the energy storage field with grid-tied inverters, and off-grid inverters.

The liquid cooling energy storage system, with a capacity of 230kWh, embraces an innovative "All-In-One" design philosophy. This design features exceptional integration, consolidating energy storage batteries, BMS (Battery Management System), PCS (Power Conversion System), fire protection, air conditioning, energy management, and other components into a unified unit, making it versatile and well-suited for diverse applications.

This product features a prefabricated cabin design for flexible deployment, convenient transportation, and no need for internal wiring and debugging. It offers easy and space-saving expansion up to 1000kW/2300kWh and an IP55 rating for harsh environments. Enjoy diverse benefits like peak & valley arbitrage, emergency backup power, grid balancing, and multi-level parallel connection.

It is well-suited for industrial and commercial environments that demand robust grid continuity. This system can address various needs, including communication energy storage, grid frequency modulation energy storage, energy storage for wind and solar microgrids, distributed energy storage for large-scale industrial and commercial facilities, energy storage for data centers, and support for photovoltaic power generation businesses in the field of new energy.

### 230kwh/50kw Energy Storage System

**High performance**The annual stable operation efficiency is 90%  
**Long Life**Core component life >15 years  
**8000 cycle life**  
**High Safety**IEC 62619?IEC 63056?IEC 62477 IEC 61000?IEC60730  
**Intelligent**24/7 operation and maintenance, remote operation and maintenance, unattended automatically adjust the control strategy according to the load  
**Easy Expansion**A single cabinet covers an area of <3 square meters, flexible placement, 1-2 days to complete the adjustment operation

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Following the processing of your order, the estimated delivery lead time ranges between 35 to 60 days. However, please be aware that this timeframe is subject to variations due to potential delays in shipping and customs clearance. While we aim to adhere to the original delivery schedule, unforeseen circumstances may



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occasionally extend the delivery window beyond the anticipated 35 to 60 days.

In the event of high demand or other factors leading to longer shipping times for certain items, we will communicate any expected delays during the initial order confirmation. We appreciate your understanding and patience as we work to ensure your order arrives as swiftly as possible.

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