



# 5MWh Mobile Energy Storage Container for Water Plants More Efficient





## Overview

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Designed for high-capacity energy storage, the 5 MWh Container ESS maximises space efficiency within a compact 20-foot container, significantly reducing balance of plant (BOP) costs compared to other designs. Fengau Falcon 5MWh Series Container ESS is a modular, high-efficiency energy storage system designed for utility-scale grid stability and backup. Featuring liquid-cooled 314Ah cells, it offers scalable capacity, intelligent thermal management, and advanced fire protection within a compact IP55-rated. MUNICH, June 20, 2024 /PRNewswire/ -- Envision Energy, a leader in green technology and Tier-1 global energy storage manufacturer ranked by BloombergNEF, proudly announces the launch of its 5 MWh Containerised Liquid-Cooled Battery Energy Storage System. In fact, with the release of 300Ah+ large-capacity battery cells, members of China top 10 energy storage system. The 5MWh Liquid-Cooled containerized energy storage system operates at a rated voltage of 1460V, utilizing LFP battery technology with a capacity of 5000kWh. Designed to meet the diverse needs of solar power projects.



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## 5MWh Energy Storage System

Our BESS units feature an optional advanced liquid cooling mechanism, as well as an air cooling option, ensuring efficient pack-level thermal management. Typically housed within a 20ft container, our ...

## 5MWh Energy Storage Container System

HJ-G0-5000L Energy Storage Container System is a reliable and efficient energy storage solution that integrates high-performance battery technology and precise liquid cooling system.

### GRADE A BATTERY

LiFePO4 battery will not burn when overcharged, over discharged, overcurrent or short circuited and can withstand high temperatures without decomposition.



## 5MWh Liquid-Cooled Container Energy Storage System

The 5MWh Liquid-Cooled Energy Storage Container is a high-capacity, modular energy storage solution designed to enhance grid stability, optimize energy use, and support renewable energy integration.

12.8V6Ah

- Nominal voltage (V):12.8
- Nominal capacity (Ah):6
- Rated energy (Wh):76.8
- Maximum charging voltage (V):14.6
- Maximum charging current (A):6
- Floating charge voltage (V):13.6-13.8
- Maximum continuous discharge current (A):10
- Maximum peak discharge current @10 seconds (A):20
- Maximum load power (W):100
- Discharge cut-off voltage (V):10.8
- Charging temperature (°C): -20 ~ +50
- Working humidity: <95% R.H (non condensing)
- Number of cycles (25 °C, 0.5C, 100%DoD): >2000
- Cell combination mode: 32700-4\*1p
- Terminal specification: T2 (6.3mm)
- Protection grade: IP65
- Overall dimension (mm):90\*70\*107mm
- Reference weight (kg):0.7
- Certification: UN38.3/MSDS

## 5MWh Energy Storage System Manufacturer & Supplier . Wenergy

The 5MWh ESS is a turnkey energy storage solution designed for industrial and commercial applications. It combines high-capacity battery modules with a reliable PCS inverter system, all within ...



### Falcon 5MWh container

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### [Envision Energy Launches Advanced 5 MWh Container Battery ...](#)

Optimised Design for High Energy Density. Designed for high-capacity energy storage, the 5 MWh Container ESS maximises space efficiency within a compact 20-foot container, ...



### [Key aspects of a 5MWh+ energy storage system](#)

Due to its outstanding advantages in cost reduction and efficiency improvement, especially in the current context of winning bids at low prices, the 5MWh energy storage system is expected to become the ...



### [5mwh battery compartments the ultimate bess container solution for](#)



This guide explores how Yijia Solar's 5MWh BESS container solutions are transforming energy storage strategies worldwide, backed by technical innovation and proven real-world performance.



### FLEXIBLE SETTING OF MULTIPLE WORKING MODES



### [Soundon New Energy 5MWh Container Energy Storage System](#)

The 5MWh container energy storage system is a super cool solution that seamlessly combines different parts, like a Lithium iron phosphate battery, Battery Management System, Gaseous Fire Suppression ...

### [5MWh Liquid Cooling Battery Container System](#)

This design ensures scalability, safety, and operational reliability for utility-scale energy storage applications.





## Contact Us

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For catalog requests, pricing, or partnerships, please visit:

<https://www.iwap.com.pl>

Phone: +34 919 456 782

Email: [info@iwap.com.pl](mailto:info@iwap.com.pl)

Scan the QR code to access our WhatsApp.

