

PIENAAR ENERGY (PTY) LTD

Discount on 5MWh Mobile Energy Storage Containers for Oil Platforms

LIQUID/AIR COOLING

INTELLIGENT INTEGRATION

PROTECTION IP54/IP55

BATTERY /6000 CYCLES



Overview

High economic efficiency: 315 Ah LFP cells with high energy density and prolonged cycle life realize a cost reduction per kWh of 30%; 5MWh in one 20ft container; side-by-side arrangement; Saving over 40% of the project area. 5MWh Turtle 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. A 5 MWh battery energy storage system is a large-scale solution designed to store 5 megawatt-hours of electrical energy. Capacity meaning: It can deliver 5MW for 1 hour, or lower power output for a longer duration. Durable Design: The product features an IP54 protection degree, ensuring reliable operation in harsh environments and meeting. The 0.5MW/1MWh energy storage system includes one set of 500KW energy storage converter (PCS), 1260KWh battery system, one set of energy management system (EMS), isolation transformer, fire protection system, security system, temperature control system, etc., with high integration, safety and. Superb safety: Triple fire protection measures guarantee early detection, accurate spraying, and rapid fire suppression throughout the entire process; Big data intelligent fire monitoring system features panoramic surveillance and fire risk warning; Risks spotted in advance, and rapid response taken.

Discount on 5MWh Mobile Energy Storage Containers for Oil Platform



5MWh Container Energy Storage System

Product features: The modular design of the battery pack makes it easy to install and maintain; Using a matching energy storage converter with high conversion efficiency and various safety protection

...

[Get Price](#)

GSL 5MWh Battery Energy Storage System

GSL offers factory-direct 5MWh battery energy storage systems with liquid cooling, competitive 5 MWh battery cost, and global C& I BESS solutions.



[Get Price](#)



Energy Storage System Container

The Energy Storage System Container integrates advanced liquid cooling, high-capacity battery packs, and intelligent management systems to deliver reliable, efficient, and safe energy storage for utility ...

[Get Price](#)

Integrated Energy Storage System

High economic efficiency: 315 Ah LFP cells with high energy density and prolonged cycle life realize a cost reduction per kWh of 30%; 5MWh in one 20ft container; side-by-side arrangement; Saving over ...



[Get Price](#)



5MWh Liquid-Cooled Energy Storage Container System

HighJoule's 5MWh liquid-cooled energy storage system offers a reliable, efficient, and scalable solution for commercial, industrial, and renewable energy sectors.

[Get Price](#)

Energy Storage Container & BESS Container Manufacturer

Wenergy provides scalable energy-storage container solutions to power your business. BESS containers arrive plug-and-play and start cutting costs from day one.

[Get Price](#)



5MWh Air-Cooled Container Energy Storage System

The pricing of the Air-Cooled Energy Storage Container varies based on system capacity, cooling method,

customization options, installation requirements, and regional regulations.

[Get Price](#)



5MWh Energy Storage Container System with Lithium Ion Batteries for

High Energy Capacity: This system offers a maximum energy storage capacity of 5MWh, making it suitable for large-scale commercial applications, as requested by the user.

[Get Price](#)



Soundon New Energy 5MWh Container Energy Storage System

Explore the specifications, features and applications of Soundon New Energy 5MWh Container Energy Storage System, and feel free to contact us for quotation. Soundon New Energy - professional lithium ...

[Get Price](#)

5MWh Energy Storage System

Manufacturer & Supplier , Wenergy

High-quality 5MWh energy storage systems, certified to international standards and trusted in 160+ countries. End-to-end service, from pre-sale consultation to after-sales support.

[Get Price](#)



Contact Us

For catalog requests, pricing, or partnerships, please visit:
<https://pienaarshof.co.za>

