

# Low-pressure type energy storage container for data centers

**Higer conversion efficiency**

CAN/RS485/WIFI/4G  
Blue tooth communication

20 Kwh

30 Kwh

50 Kwh

Thick shell, well protection for inside cells

BMS customization supported



## Overview

---

The EPES2097 is engineered for utility-scale energy storage, renewable energy smoothing, and industrial peak-shaving. It supports energy arbitrage, grid balancing, and backup power for large facilities such as solar farms, microgrids, factories, data centers, and energy parks.

## Low-pressure type energy storage container for data centers

---



### [Harnessing the Power of Thermal Energy Storage Tanks for Data Centers](#)

Whether you need a standard air receiver for your shop or a thermal energy storage tank for a data center, let us create the ideal solution for your unique application. For premium-quality TES tanks

### [Technologies and prospects for compressed air energy storage](#)

Compressed air energy storage (CAES) can be used as long-duration storage for renewable energy-based grids. CAES systems use electrical energy to drive a compressor, and the



### [Low-pressure intelligent photovoltaic energy storage container for](#)

EK photovoltaic micro-station energy cabinet is an integrated intelligent energy storage device designed for distributed energy scenarios, providing 10-50kWh multiple capacity options

## 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





## EPES2097

The EPES2097 is engineered for utility-scale energy storage, renewable energy smoothing, and industrial peak-shaving. It supports energy arbitrage, grid balancing, and backup power for large



## [Best Practices Guide for Energy-Efficient Data Center Design](#)

This guide provides an overview of best practices for energy-efficient data center design which spans the categories of information technology (IT) systems and their environmental conditions, data center

## [Comprehensive Review of Liquid Air Energy Storage \(LAES\)](#)

LAES offers a high volumetric energy density, surpassing the geographical constraints that hinder current mature energy storage technologies. The basic principle of LAES involves



## [Design and Construction of Large, Welded, Low-pressure](#)

1.2.1 This standard covers the design and construction of large, welded, low-pressure carbon steel above ground storage tanks (including flat-bottom tanks) that have a single vertical axis of revolution.



## [CATL EnerC+ 306 4MWH Battery Energy Storage System Container](#)

The EnerC+ container is a modular integrated product with rechargeable lithium-ion batteries.



It offers high energy density, long service life, and efficient energy release for over 2 hours. Individual pricing

### Low-pressure type energy storage container for data centers

Product Center HC1720L Liquid Cooling Energy Storage Container Rated at 1720kWh with a voltage range of 648-864V, ideal for data centers, heavy industry, and other high-demand energy storage



## Contact Us

---

For off-grid system quotes, technical support, or partnerships, please visit:  
<https://kephamatraining.co.za>