

ENERGY STORAGE

Store Today, Use Whenever You Need

Energy storage solutions from 2.5 kWh for homes to 5 MWh per industrial container, with unlimited modular scalability. LiFePO4 batteries with over 8,000 cycles and AI-powered management.

WHY STORE ENERGY?

Energy storage is the key piece of the energy transition. It allows you to capture solar or grid energy during cheap hours and use it when you need it most: at night, during peak hours, or during outages. Eneraq offers two storage lines designed to cover everything from individual homes to industrial projects and utilities.

ADVANTAGES OF OUR SYSTEMS

■ LiFePO4 Technology

Maximum safety, longevity, and thermal stability. No cobalt, no combustion risk.

■ Scalable

From a single wall battery for your home to megawatts in containers for grid-scale projects.

■ Intelligent Management

AI platform that optimizes charge/discharge based on tariffs, solar forecast, and consumption patterns.

■ Long lifespan

Over 8,000 cycles equals over 20 years of daily use. 15-year warranty.

AVAILABLE CONFIGURATIONS

From 10-foot to 40-foot containers

DEPLOYMENT ADVANTAGES

■ No Civil Works

The container arrives ready to connect. Only needs a leveled concrete pad and grid connection.

■ AI Platform

Intelligent management that optimizes charge/discharge based on market prices, solar forecast, and real-time demand.

■ Plug-and-Play

Inverter, batteries, BMS, cooling, and fire protection integrated. Commissioning in days, not months.

■ Regulatory Support

Complete advisory on permit processing, grid connection, and participation in capacity markets and ancillary services.

REVENUE STREAMS

Reference: 10 MW solar + 20 MWh storage

■ Wholesale arbitrage

Buy cheap energy in off-peak hours and sell at peak prices.

■ Ancillary services

Frequency regulation, spinning reserve, and fast demand response.

■ Capacity market

Revenue from guaranteed power availability to the system operator.

TECHNICAL FEATURES

■ Long-Life LFP Cells

LiFePO4 technology with over 8,000 cycles at 95% depth of discharge (DOD). The safest and most durable chemistry on the market.

■ Integrated Touchscreen

Front-mounted touch monitor to view charge status, consumption, temperature, and alerts in real time.

■ Full Connectivity

Built-in WiFi, Bluetooth, RS485, and CAN bus. Compatible with major inverters on the market and energy management systems.

■ Complete Protections

Overcharge, over-discharge, overcurrent, short circuit, and overtemperature protection. Integrated smart BMS.

SMART MANAGEMENT WITH WATTSON APP

The Wattson app uses artificial intelligence to automatically optimize your battery usage.

- **Consumption prediction based on habits and weather**
- **Automatic charge and discharge optimization**
- **Energy community participation**
- **Remote monitoring from anywhere**
- **Detailed consumption and generation history**
- **Smart alerts and predictive notifications**

Eneraq

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European technology · In-house R&D