

## SolarTech Power Solutions

# Outdoor energy storage battery prices in Latvia



## Overview

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With battery storage prices in Latvia dropping by 18% since 2021 (see Table 1), both industrial users and residential consumers are adopting these solutions. Did you know?

Latvia aims to generate 50% of its electricity from renewables by 2030. Battery storage is key to achieving this without.

Looking for reliable outdoor Battery Energy Storage Systems (BESS) in Liepaja?

This guide breaks down price trends, regional advantages, and how renewable energy projects benefit from scalable storage solutions. Discover why Latvia's coastal city is becoming a hotspot for sustainable power.

On November 1 Latvia's largest wind energy producer Utilitas Wind opened the first utility-scale battery energy storage battery system in Latvia with a total power of 10 MW and capacity of 20 MWh in Targale, Ventspils region. This autumn, the Battery Energy Storage System (BESS) will be connected.

With its factory-direct pricing, high efficiency, long lifespan, and safety, Highjoule's Outdoor Cabinet BESS Lithium Battery 100kWh is an ideal energy storage system choice. 100KWh LFP/SSB 3.2V/280Ah battery with over 8000 cycles at 70% DOD, ensuring stable long-term energy supply for commercial.

Latvia's Energy Strategy 2050 outlines major changes in renewable energy

production and storage, with significant investments planned in wind, solar, biomass, and biogas, as well as in energy storage technologies like batteries and subsurface systems to ensure supply stability [3]. National Energy.

How does 6Wresearch market report help businesses in making strategic decisions?

6Wresearch actively monitors the Latvia Solar Energy and Battery Storage Market and publishes its comprehensive annual report, highlighting emerging trends, growth drivers, revenue analysis, and forecast outlook. Our. When will battery energy storage systems be installed in Latvia?

The most recent update regarding BESS installations is that in Tume and Rēzekne, Latvia's transmission system operator "Augstsprieguma tīkli" (AST) in June 2025 installed battery energy storage systems with a combined capacity of 80 MW and 160 MWh, which will undergo testing until October 2025.

Why are energy storage systems important in Latvia?

Energy storage systems are an essential element of Latvia's path towards a sustainable and energy-independent future. The importance of these technologies is being recognized and invested in by a growing number of companies and public institutions.

What is the main source of renewable electricity in Latvia?

Hydroelectric power is the main source of renewable electricity in Latvia, followed by solar, wind and biomass cogeneration plants. In 2024, solar power in Latvia grew over 3.1 times to 6.7% of total electricity, becoming the third-largest source, while wind reached a record 38 GWh and hydropower, despite a 16% drop, still provided 54%.

Are new wind farms a good investment for Latvia's energy security?

I am pleased that the bar has been set high for developers of new wind farms, which also plays an important role in the context of Latvia's energy security," said Climate and Energy Minister of Latvia, Kaspars Melnis. Given the total investment in the project, the OP Corporate Bank provided loan financing.

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