

BLINK SOLAR

Compact power station factory in Latvia



Overview

Does Latvia need a thermal power plant?

Until now, Latvia has relied on electricity generated by hydroelectric power plants (HPPs), and the country's overall policy also included the development of thermal power plants (TPPs), as natural gas was a relatively cheap resource.

How many power plants are there in Latvia?

Latvia has 5 utility-scale power plants in operation, with a total capacity of 2537.0 MW. This data is a derivative set of data gathered by source mentioned below. Data and information about power plants in Latvia plotted on an interactive map.

What is Latvia's energy system?

Latvia's energy system is largely based on renewable resources, primarily hydropower from the Daugava River, supplemented by wind, solar, and biomass. While natural gas imports cover energy shortages, the country aims to increase wind and solar energy capacity, with significant progress already made in 2022.

Who manages the electricity grid in Latvia?

The electricity grid in Latvia, however, is primarily managed by Sadales tīkls, the largest distribution system operator that serves 99% of the country's territory. Both public and private energy companies, such as AST and Latvenergo, participate in the sector.

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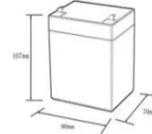


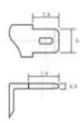
Energy infrastructure in Latvia

Latvia's renewable energy capacity has expanded significantly, led by the Daugava hydroelectric power stations as the main ...

Foundation stone laid for the first AST ...

The construction of all three synchronous condenser stations in Latvia is proceeding according to plan, and the first synchronous ...





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):0-+50
- Discharge temperature (°C):-20-+60
- Working humidity: <95% R.H (non condensing)
- Number of cycles (25 °C, 0.5C, 100%doD): >2000
- Cell combination mode: 32700-4s1p
- Terminal specification: T2 (6.3mm)
- Protection grade: IP65
- Overall dimension (mm):50*70*107mm
- Reference weight (kg):0.7
- Certification: un38.3/msds

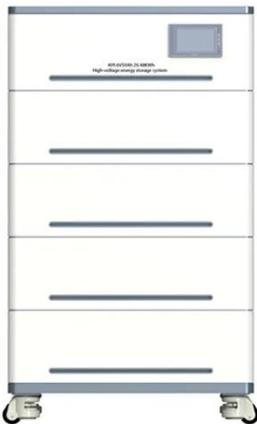
Imanta power station

Imanta power station is an operating power station of at least 48-megawatts (MW) in Riga, Latvia.



Power Plants in Latvia (Map) , database.earth

Data and information about power plants in Latvia plotted on an interactive map.



Energy infrastructure in Latvia

Latvia's renewable energy capacity has expanded significantly, led by the Daugava hydroelectric power stations as the main electricity source. In 2022, wind power capacity ...

power station Companies and Suppliers in Latvia

We are the leader of thermal power industry in Latvia specializing in design, manufacturing, assembly and servicing of thermal power station equipment and boiler houses.



Latvia: first BESS opens ahead of Russia grid uncoupling

In news from Europe's Baltic Sea region, Latvia's first utility-scale battery storage

project has been commissioned, while Fotowatio Renewable Ventures (FRV) has entered the ...



GENERATION

Most of the electricity and thermal energy is generated by the three Daugava hydropower plants (HPPs) and two combined heat and power plants (CHPPs) of Latvenergo AS. Energy is also

...



List of power stations in Latvia

Biogas and biomass There are currently a total of 23 operational biogas power stations and seven biomass power stations in Latvia. Most of them are cogeneration stations.

Foundation stone laid for the first AST synchronous condenser station

The construction of all three

synchronous condenser stations in Latvia is proceeding according to plan, and the first synchronous condenser produced for Latvia has ...



Latvia o Electricity

As of 2020 Latvia registered about 147 small-scale hydropower plants up to 10 MW with a total installed capacity of 28 MW, generating roughly 110.0 GWh per year.

Latvia: first BESS opens ahead of Russia grid ...

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