

**Espay Solar Energy S.L.**

# **Clean electricity austria**



## Overview

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More than three-quarters of Austria's electricity comes from low-carbon sources, with hydropower being the largest contributor at more than half of the total consumption. 9% of gross final energy consumption), as total energy includes electricity, heating/cooling, and transport sectors. [4] Despite this high renewable electricity share, Austria's CO<sub>2</sub> emissions intensity was 59 grams per kWh. The EU Electricity Directive (2019/944), most recently amended by Directive 2024/1711, and the RED II Directive (Renewable Energy Directive) (2018/2001) regulate the new market roles of energy sharing and energy communities in various forms. Renewable. In 2024, hydropower accounted for up to 67% of the electricity generated in Austria. In 2023, renewable energy made up 87. Most of Austria's emissions.

## Clean electricity austria

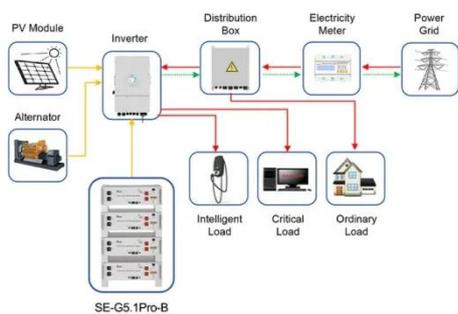


### Renewable energy in Austria

Austria's electricity mix includes 12% gas, explaining its higher emissions compared to Sweden's 8 grams per kWh - the EU's lowest - achieved through 70% of electricity from hydroelectric (41%) and ...

### Renewable Energy 2025

As discussed under 1.1 Energy Transition, Austria aims to achieve a 100% renewable electricity supply by 2030. Electricity demand in Austria will rise steadily through 2050, in line with its ...



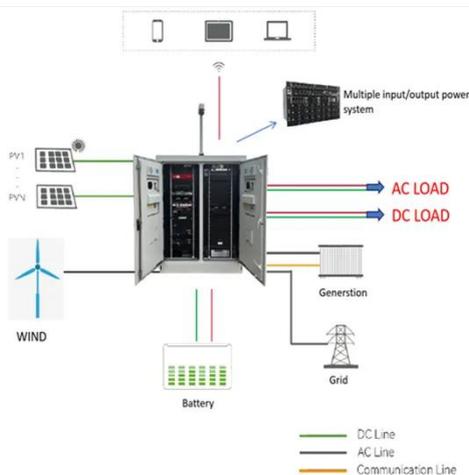
Application scenarios of energy storage battery products

### 100% Green Electricity: AEA

In a European comparison, Austria is already in a leading position in terms of sustainable power supply, mainly due to the early expansion of hydropower. Almost three quarters of gross electricity ...

## The Green Deal - creating sustainable solutions

Austria's electricity sector is ready and waiting to play its part. This will include increasing renewable generation, as well as modernising and expanding network infrastructure and storage capacity.



### Facts and Figures

In 2023, renewable energy made up 87.8% of Austria's total electricity generation. Austria's leading electricity company operates around 130 hydro power plants, including highly ...

### Austria Renewable Power Generation

Austria's power generation mix is already very green, with 77% currently coming from renewable sources, mostly hydro and wind. The new legislation aims to reach 100% renewable ...



### Renewable energy in Austria

OverviewGovernment targetsGovernment policySources of renewable electricity generation

By the end of 2016 Austria already



fulfilled their EU Renewables Directive goal for the year 2020. By 2016 renewable energies accounted for 33.5% of the final energy consumption in all sectors (heat, electricity, mobility). The renewable energy sector is also accountable for hosting 41,591 jobs (full-time equivalent) and creating a revenue of 7,219 million euros in 2016.

### Energy communities in Austria and the new Electricity Industry Act ...

Surplus electricity from renewable sources that exceeds own consumption flows directly into an energy community instead of being fed into the public grid at unattractive prices. Energy ...



### Austria's climate action strategy

To achieve 100 % renewable electricity as planned by 2030, Austria introduced a Renewable Energy Expansion Act in 2021. The act sets a target of adding 27 terawatt-hours (TWh) of renewable ...

### Austria Electricity Generation Mix 2025 , Low-Carbon Power Data

More than three-quarters of Austria's electricity comes from low-carbon sources, with hydropower being the largest contributor at more than half of

the total consumption. Wind energy contributes almost ...



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