

Are photovoltaics redefining the energy future of Luxembourg households?

We are redefining the energy future of Luxembourg households, offering the most advanced technologies and efficient solutions in the field of renewable energy. Photovoltaics represent savings, ecology, and an investment in your and your family's future.

What is Luxembourg's Energy Policy?

As part of an energy policy geared towards a sustainable, secure and competitive energy supply, this financial aid is aimed at improving the energy performance of single-family houses or apartments. Luxembourg wants to accelerate the timelines for renewable energies in order to reach around 25% clean energy by 2030 and 100% in the long term.

How has teleworking impacted solar energy demand in Luxembourg?

The high number of sunshine hours in spring coupled with an increase in the photovoltaic surface area over recent years have been key factors in reaching a historical peak of solar energy in Luxembourg in March and April 2020. In addition, teleworking during the weeks of lockdown had a positive influence on electricity demand, which declined.

Will Luxembourg transition to climate neutrality?

The transition to climate neutrality seems to be making great strides. With 306.3 hours of sunshine in April, which is well above average, the exceptional weather was one of the reasons behind the historical peak of solar energy in Luxembourg.



SolarCells is the first producer of photovoltaic panels in Luxembourg, located in Hollerich. We manufacture high-quality panels using European components, certified with IEC standards, offering yields exceeding 400 Wc.

SOLAR ENERGY UNIT LUXEMBOURG



The first Luxembourg-made solar panels have begun rolling off production lines at the site of a former tobacco factory in the capital, enabling the country to enter a global market dominated by China. Solarcells started ???



Luxembourg has an ambitious target to increase the share of energy from renewable sources to 25% by 2030. The development of photovoltaics is one of the solutions recommended in Luxembourg's integrated national energy and climate plan (PNEC, Predicted No-Effect Concentration).



The European Union has pledged to tackle climate change and become the world's first carbon-neutral continent by 2050. It is also widely accepted that the increased use of solar energy is the most effective option. In particular, in Luxembourg, the National Energy and Climate Plan states that

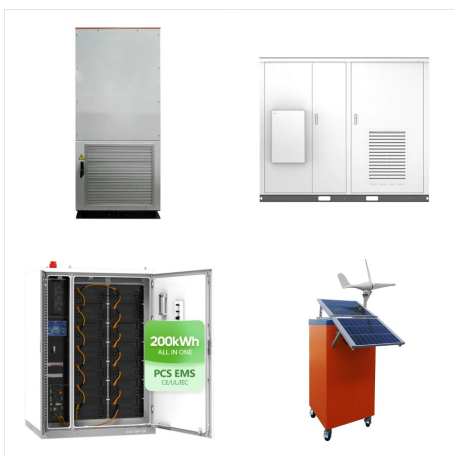
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All united for solar energy. Luxembourg wants to accelerate the timelines for renewable energies in order to reach around 25% clean energy by 2030 and 100% in the long term. With this in mind, the aid scheme for the promotion of photovoltaic energy has been strengthened since 2019 and increasingly involves private individuals.



We will explore the most advanced photovoltaic materials for a direct sun-to-electricity conversion (4 projects), as well as alternative strategies that may allow us to create even more efficient solar panels by also making use of the heat generated by sunlight (2 projects).



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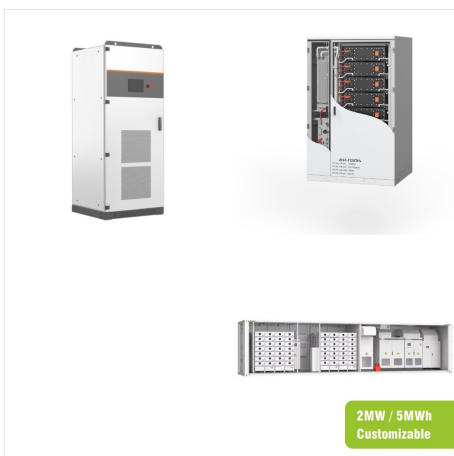
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