Topclass Solar

# How much solar denmark





## Overview

Denmark has lower solar insolation than many countries closer to Equator, but lower temperatures increase production. Solar power in Denmark amounts to 4,832 MW of grid-connected PV capacity at the end of September 2025, and contributes to a government target to use 100% renewable electricity by 2030 and by. • • • • •

Solar heat plants are widespread in Denmark, with a combined heating capacity of 1.

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## Denmark Solar Power Market Report (Q1 2026)

In 2024, Denmark solar power capacity saw a remarkable boost with the installation of 3.9 GW, marking an impressive growth rate of 11.42% compared to the previous year. As a result, the total Denmark

## Key figures

The Danish Energy Agency reports annual statistics on energy supply and consumption of fuels to the IEA/Eurostat/UN. The file International Reporting contains information on 41 fuels and covers the





## Clean and renewable energy , Denmark leads the way

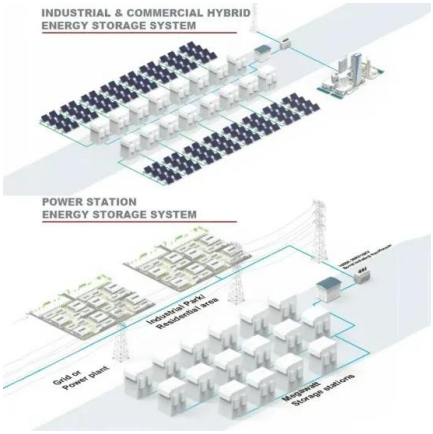
Clean energy is a Danish passion. Today, 50 per cent of electricity in Denmark is supplied by wind and solar power. Wind energy is well-established in Denmark,

## Denmark: Solar electricity generation

Denmark: Solar electricity generation, billion kilowatthours: The latest value from 2023 is 3.36 billion kilowatthours, an increase from 2.11 billion kilowatthours in 2022. In comparison, the

world average






## Renewable energy in Denmark

Denmark is a leading country in renewable energy production and usage. Renewable energy sources collectively produced 81% of Denmark's electricity generation in 2022, [5] and are expected to

## Facts about solar energy

Every quarter, the Danish Energy Agency publishes a solar PV inventory describing the status of the expansion of solar PV in Denmark. The latest version can be found below and shows a total



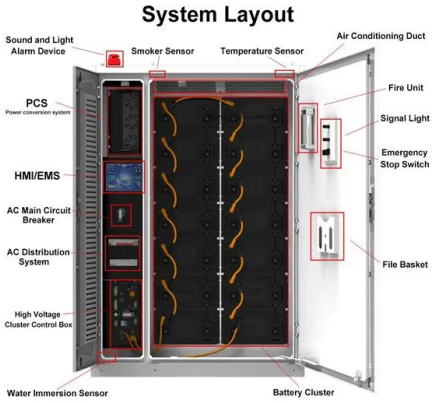



## Denmark's Solar Capacity Surpasses 4 GW

The new additions bring Denmark's total solar capacity to more than 4 GW. Utility-scale installations drove Denmark's solar growth in 2024, with projects over 1 MW adding 356 MW, said

## 'Danish Solar Power Production Hits New Heights'

Denmark's solar power sector achieved multiple production records in May 2025, as reported by grid operator Energinet. The country saw unprecedented daily and hourly outputs from




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