



# The purpose of LEGO solar power station





## Overview

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The company has installed solar panels across six factory sites and plans to expand its solar capacity by 72% by the end of 2025. This expansion is a key component of the LEGO Group's strategy to reduce greenhouse gas emissions by 37% by 2032 and achieve net-zero emissions by 2050. A. The new solar panels have been installed on recently constructed buildings and previously unused rooftop areas of the factory in Kladno. The LEGO Group has more than doubled its renewable energy capacity at its Kladno factory in the Czech Republic to reduce its environmental impact. With 2023 revenue, the LEGO Group announced plans to scale up its use of renewable energy, with an anticipated increase of 72% in solar capacity globally this year. As an Amazon Associate, Brick Fanatics may earn from qualifying purchases. After announcing plans to build a dedicated off-site solar park near its headquarters in Billund, the LEGO Group is making significant strides in its commitment to sustainability by planning to increase its solar energy usage by over 70% by 2025. This ambitious initiative is part of the company's broader climate goals, which aim for net-zero greenhouse gas emissions by 2050 and a notable. Explore transfer, transformation, storage and dissipation of energy with reference to conversion of solar energy to electrical energy. Solar panels have the ability to convert solar energy into electrical energy. They are used to generate electricity for large utility grids, for satellites in space.



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### [Increase in solar capacity to reduce GHG emissions](#)

A new 80MWp solar park near the LEGO headquarters in Billund, Denmark is on track for completion in 2028, following negotiations with local energy providers. The new solar park will have a peak ...

### **LEGO Group Plans to Increase its Use of Solar Energy by More than ...**

The LEGO Group announced plans to scale up its use of renewable energy, with an anticipated increase of 72% in solar capacity globally this year.



### **LEGO lays first bricks for its \$1 billion solar-powered 'carbon neutral**

Carbon neutrality will be achieved with a massive amount of onsite solar power -- enough to power the entire campus. LEGO announced the factory earlier this year, showing off its ...

### **Solar Station**

Explore transfer, transformation, storage and dissipation of energy with reference to conversion of solar energy to electrical energy. Solar panels have the ability to convert solar energy into electrical energy.



### LEGO to boost solar energy use by over 70% in 2025

In a recent announcement, the LEGO Group detailed its plans to expand solar power capacity across its global production sites. The company expects to achieve an impressive 72% ...

### LEGO Group Expands Solar Energy Capacity, Accelerates ...

The 80 MWp solar park, slated for completion in 2028, is expected to meet the peak energy demand of LEGO's Billund-based operations, making it an integral part of the company's ...



### **LEGO to Expand Solar Capacity by 72% in 2025 to Reduce Emissions**

LEGO has ramped up its solar power efforts, adding 22 MWp of capacity globally since 2022. This includes a 400% increase at its Billund, Denmark headquarters and a doubling of capacity ...



## **LEGO plans to increase solar power**



## at sites across the globe

After announcing plans to build a dedicated off-site solar park near its headquarters in Billund back in 2023, the LEGO Group has, through this and other initiatives, increased its solar ...



## How LEGO Doubled its Renewable Energy Capacity

In 2023, LEGO's total maximum solar capacity across these locations reached an impressive 15.6 MWp, representing a 16% increase compared to 2022. LEGO also aims to include ...

## Lego to increase solar capacity by 72% this year to cut ...

Dive Brief: The Lego Group aims to increase its global solar capacity by 72% in 2025 to reduce its carbon footprint, the company announced last week.





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