

# Longji Solar Photovoltaic Power Generation



## Overview

Longji Tongchuan National Photovoltaic Leader Solar PV Park is a ground-mounted solar project which is spread over an area of 9,600 acres. The project generates 360,000MWh of electricity. The project construction commenced in 2018 and subsequently entered into commercial operation. At the key node of intergenerational transition of global Photovoltaic (PV) technology, the back contact (BC) cell technology is leading the new-generation PV technology paradigm revolution, becoming the core engine to drive industry cost reduction and efficiency improvement and realize energy. LONGi's technological and manufacturing leadership in solar wafers, cells and modules underscores our commitment to helping accelerate the clean energy transition. By offering high-quality, reliable products and systems, we provide holistic solutions for the solar and renewables industry. A full. LONGi supplies its reliable, high-performance solar modules to 6 continents and 85 countries and regions to power the world toward a low carbon future. 9 billion yuan) is a typical technology-driven company. It has always adhered to the principle of "not leading or expanding production", achieved breakthroughs in battery efficiency. On December 27, the 34 MW photovoltaic power generation project of Longji Green Energy Industrial Park, the largest building photovoltaic integrated photovoltaic power generation project in Northwest China, was officially connected to the grid in Jinghe New Town, Xixian New District, Shaanxi. On August 15, the official website of Longji Green Energy released the "Xi'an Longji Leye Photovoltaic Technology Co. (Hereinafter referred to as "Longji Leye ") Xi'an Longji Leye Battery R & D Project Group Environmental Impact Assessment Pre-approval Announcement".

## Article Content

### LONGi Sets New Global Solar Cell Efficiency Records at SNEC 2025

LONGi Announces Two New Global Solar Cell Efficiency Records — On June 12, 2025, LONGi made a significant announcement during the Technology Innovation Session at the SNEC

### Longji Green Energy Leading Breakthrough Flexible Laminated

The construction of perovskite materials and crystalline silicon as a laminated structure can make full use of different wavelengths of sunlight, and the theoretical efficiency can reach more

### LONGi Unveils Next-Generation Solar Innovations at

- Miss Solar City - sustainable urban living - renewable energy - community engagement - innovative urban planning - educational outreach -

### Understanding Solar Photovoltaic (PV) Power Generation

Solar photovoltaic (PV) power generation is the process of converting energy from the sun into electricity using solar panels. Solar panels, also called

### Perovskite Solar Cell Revolution 2026: Efficiency Records, Stability ...

Explore the Perovskite Solar Cell revolution in 2026 — latest efficiency records, stability breakthroughs, and global market growth shaping next-gen photovoltaics.

### High-efficiency Module,Longi solar module

High-efficiency Modules LONGi supplies its reliable, high-performance solar modules to 6 continents and 85 countries and regions to power the world toward a low carbon future.

### Latest Solar Panel Technology 2026: Trends & Innovation

Explore the latest solar panel technology in 2026, from perovskite tandem cells and bifacial panels to flexible solar, transparent PV glass, and AI-powered smart

### Top 10 Solar Panel Manufacturers in China (2026)

China remains the global leader in solar manufacturing, supplying a significant share of the world's photovoltaic (PV) modules and driving innovation across the renewable energy sector. Backed by

### Half-year report 2024

However, like most other solar module and wafer manufacturers, the company is currently struggling with a low capacity utilization rate. LONGi has

### Power plant profile: Longji Tongchuan National Photovoltaic Leader ...

Longji Tongchuan National Photovoltaic Leader Solar PV Park is a ground-mounted solar project which is spread over an area of 9,600 acres. The project generates 360,000MWh of electricity. The project

LONGi surpasses 60GW BC commercial milestone, energizing global ...

Sustained R&D investment accelerates commercial scale-up and scenario-based solutions to meet evolving global energy needs. MUNICH, June 15, 2026 /PRNewswire/ -- LONGi, a global

Climbing 3000 meters above sea level: Longji Escorts Gonghe

The project actively explores the model of “on-board power generation and under-board restoration”, and carries out suitable vegetation planting in the middle of the photovoltaic array to

China's JinkoSolar, JA Solar, LONGi and Trina Solar Bet on Battery ...

China's largest solar manufacturers are rapidly expanding their battery energy storage businesses as slowing photovoltaic (PV) demand, weaker exports, and declining panel prices

Longi Green Energy Technology Co. Ltd. (via Public) / 34.6%! Record ...

As pioneers in setting world records for photovoltaic cell efficiency, LONGi continued innovation and outstanding performance have not only contributed significantly to global solar power

Most Efficient Solar Panels 2025: Complete Guide

The most efficient solar panels available in 2025 are the LONGi Hi-MO X10 Scientist and JinkoSolar Tiger Neo 3.0, both achieving 24.8% efficiency.

1.2G W PV cells + 400MW modules! Announcement of three pilot

On August 15, according to foreign media reports, American photovoltaic manufacturer T1 Energy (hereinafter referred to as T1) and glass giant Corning reached an agreement to jointly build a

LONGi surpasses 60 GW milestone in back-contact solar technology ...

LONGi, a global leader in solar technology, has announced that its Back Contact (BC) technology platform has surpassed a cumulative 60 GW milestone in commercial sales and

Ningxia Zhongning Hanjiaoshui Longji solar farm

Ningxia Zhongning Hanjiaoshui Longji solar farm is an operating solar photovoltaic (PV) farm in Hanshui Town, Zhongning, Zhongwei, Ningxia, China.

The World's Leading Supplier of Solar PV Solutions

LONGi's technological and manufacturing leadership in solar wafers, cells and modules underscores our commitment to helping accelerate the clean energy transition. By offering high-quality, reliable

LONGi Achieves Two New Global Solar Cell Efficiency

LONGi Announces Two New Global Solar Cell Efficiency Records =====  
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Photovoltaic Market Size, Share Report and Trends

As a result, the landscape of energy generation is evolving, with solar power becoming a more viable alternative to traditional fossil fuels. In addition to solar module scenario

Global Business Layout Founded in 2000, LONGi is committed to being the world's leading solar technology company, focusing on customer-driven value creation for full scenario energy

Solar Photovoltaic Market Size, Share, Trends | Report - 2035

The solar photovoltaic (PV) market was estimated at USD 404.3 billion in 2025 and is expected to grow at a CAGR of 8.3% between 2026 and 2035, driven by the increasing focus on clean electricity

Longi: The world's largest photovoltaic cell production

On September 28, the high-efficiency single crystal battery project of Jinghe New Town, Longji Lvneng Xixian New Area, was officially put into

Northwest is the biggest! Longji Building Photovoltaic Integrated ...

On December 27, the 34 MW photovoltaic power generation project of Longji Green Energy Industrial Park, the largest building photovoltaic integrated photovoltaic power generation project in Northwest

## Contact Us

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