



# Longi Green Energy Technology and Photovoltaic Energy Storage

Who is Longi Green Energy Technology?

LONGi Green Energy Technology Co.,Ltd. was established in 2000 and is committed to becoming the most valuable solar energy technology company in the world. Click and learn more about LONGi.

Is Longi Green Energy a crystalline silicon solar module?

China's Longi Green Energy has set a new world record for crystalline silicon solar module efficiency, according to a certification report from Germany's Fraunhofer ISE. Longi's independently developed HPBC 2.0 module has achieved a conversion efficiency of 25.4%, surpassing previous global records.

What is Longi technology?

LONGi technology refreshed three world efficiency records and leads the technological revolution of the industry again. The conversion efficiency of N-type TOPCON is 25.21%, P-type TOPCON is 25.02% and HJT technology is 26.30%. \*Tested by German Hamelin Solar Energy Research Institute (A world recognized Authoritative Institution)

Where is Longi based?

Since 2015, LONGi has started to deploy its operations in Yunnan of China, and Kuching in Malaysia to utilize rich local hydropower resources to produce clean energies. LONGi plans to integrate solar facilities with pumped storage in offshore areas featured with greater altitude differences and abundant sunlight.

Does Longi have hpbc?

Earlier this month, Longi launched its Hi-MO X10 series modules, featuring HPBC 2.0 cells with a production cell efficiency exceeding 26.6%. It has also introduced several other models, including the Hi-MO X6 and Hi-MO X6 Max panels, based on HPBC 1.0 cells, and the Hi-MO 9, which features HPBC 2.0 cell technology for utility-scale solar.

How does Longi's diamond wire wafer slicing technology impact PV production?

A key technology driver in volume PV wafer production, LONGi's diamond wire wafer-slicing technology has resulted in savings of at least \$30 billion in annual production costs across the entire industry.

LONGi is committed to building the world's most valuable solar energy technology company. It continues to focus on energy innovation to form the "green electricity + Green hydrogen" service capability supporting global zero carbon ...

Xi'an, China, 29th August, 2024 -- The world-leading solar technology company, LONGi Green Energy Technology Co., Ltd. (hereafter as "LONGi"), released its semi-annual report for 2024. ...



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Green Tour, Green World. LONGi joins hands with ATP to build a global low-carbon event. [Learn More.](#) [Learn More.](#) [Learn More.](#) Market Leadership. The World's Leading Supplier of Solar PV Solutions. Our solar modules help ...

October 23rd, 2024 - LONGi Green Energy Technology (Hereinafter referred to as LONGi) officially announced a new world record for crystalline silicon module efficiency. According to ...

5 th February 2024, Madrid (Spain)-- Solar technology leader LONGi and energy utility firm Naturgy have signed a new module shipment agreement for Naturgy's 2024 solar projects in ...

LONGi PV Solutions . ... 2024, LONGi Green Energy Technology Co., Ltd. (hereinafter referred to as "LONGi",) released its 2024 Q3 financial report. The report shows that the company ...

Xi'an, China, 25th July, 2024-- The world-leading solar technology company, LONGi Green Energy Technology Co., Ltd. (hereafter as "LONGi"), is pleased to announce that the company ...

Xi'an (China) 25th June -- From June 19th to 21st, the largest and most influential solar energy professional exhibition and trade fair to date globally--the 2024 ...

KATOWICE, Dec. 11 (Xinhua) -- The combination of photovoltaics (PV) and energy storage will become the ultimate energy solution for mankind, said Li Zhenguo, president of LONGi Green ...

Xi'an, China, 29th August, 2024 -- The world-leading solar technology company, LONGi Green Energy Technology Co., Ltd. (hereafter as "LONGi"), officially unveiled its ...

Solar-plus-Energy-Storage Plants. Supported by flexible energy storage and other advanced technologies as well as innovative policy mechanisms, efforts can be made to optimize the actual load demand and integrate the power supply and ...

Xi'an, China, 29th August, 2024 -- The world-leading solar technology company, LONGi Green Energy Technology Co., Ltd. (hereafter as "LONGi"), officially unveiled its performance report for the first half of 2024. ...



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