



Longi green energy storage equipment

LONGi Hydrogen Energy's LHy series large-scale water electrolysis hydrogen production system is stable and reliable, providing ideal solutions for the unit cost of hydrogen production (LCOH) ...

Green Future. The sunshine travels 149 million kilometers and offers the planet infinite energy as a gift from nature to mankind. LONGi always focuses on the innovation and application of solar energy technology, sparing no effort to " Utilize Sunshine, Create a Green World" for mankind.

Under its mission of "making the best of solar energy to build a green world", LONGi has dedicated itself to technology innovation and established five business sectors, covering mono silicon wafers cells and modules, commercial & industrial distributed solar solutions, green energy solutions and hydrogen equipment. The company has honed its ...

Longi Green Energy Technology's subsidiary Longi Hydrogen Energy will supply four electrolyser units, each able of producing 1,000 cubic metres of hydrogen per hour, to ...

LONGi Monocrystalline Silicon Wafer Through continuous improvement of the cutting process and final inspection capability, the production capacity and silicon wafer yield rate have been continuously improved to meet customer demands for silicon wafer quality and output. Main products:P-Type,N-Type,click to learn more.

On April 11, Jilin Electric Power Co., Ltd. announced that LONGi Hydrogen Energy won the bid for the Da'an Wind and Solar Green Hydrogen Synthesis Ammonia Integration Demonstration Project (hereinafter referred to as the "Da'an Project") as the first candidate to win the bid for a total of 15 sets of 1000Nm³/h electrolytic water hydrogen ...

Recently, LONGi Green Energy Technology Co., Ltd. (hereinafter referred to as "LONGi") published a research paper titled "Perovskite-silicon tandem solar cells with bilayer interface passivation" online in the journal Nature as the first corresponding author. The paper publicly reported the research results of breaking through the efficiency limit of single-junction ...

Solar energy is the cheapest and most accessible form of energy. Now, it will be more efficient than ever. Scientists from Chinese solar technology company, LONGi Green Energy Technology Co., Ltd, have developed a new type of solar cell that could be a game-changer in the world's transition towards renewable energy.

LONGi Hydrogen, a wholly-owned subsidiary of China's solar giant LONGi Green Energy Technology Co., Ltd. (LONGi), officially launched its new generation of alkaline electrolyzed water hydrogen production



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equipment ALK Hi1 to the world in Beijing, continuously exploring the lowest of energy consumption and redefining the height of energy efficiency.

San Francisco, 15th November 2023 - The 2023 APEC CEO Summit was held on November 15 at the Moscone Center West in San Francisco, California. Leaders including Li Zhenguo, founder & president of LONGi Green Energy Technology Co., Ltd. (LONGi), the world leading solar technology company headquartered in Xi'an, China, and Dara Khosrowshahi, ...

We provide one stop solutions for green energy driven industries by supplying high value-added products and services with higher efficiency and easier access. Wafers. The size of the silicon wafer has a high degree of matching with the existing PERC cell equipment, and meets the requirements for reducing the levelized cost of energy ...

São Paulo, Brazil, September 4, 2024 - CPQD, one of Latin America's leading research and development centers, has formed a strategic partnership with LONGi, a global solar technology leader active in over 150 countries, with a focus on driving innovation and advancing technology in Brazil. The collaboration aims to enhance CPQD's certification capabilities and elevate the ...

While creating low-cost clean energy products for the world, the company uses clean energy and green manufacturing practices in its operations whenever possible. Since 2015, LONGi has located its operations in Kuching, Malaysia, to utilize the abundant local hydropower resources to provide clean energy for its facilities.

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 ...

On Mar. 31, 2021, we officially established Longi Hydrogen Energy Technology Co., Ltd, and our first hydrogen energy equipment manufacturing plant in Wuxi, China. The first 1,000Nm³ / h alkaline water electrolyzer was officially launched in October 2021, and so far, several more have been delivered to our customers and put into production.

With the goal of safety, green and high efficiency, Longji source network load storage integration innovates the power production and consumption mode, explores the development path for building a new generation power system with high integration of source network load, and realizes the deep coordination of source, network, load and storage.

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 the latest certification report from the Fraunhofer Institute for Solar Energy Systems ISE in Germany, the efficiency of the HPBC 2.0 module independently developed by LONGi has reached ...



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LONGi has manufacturing bases and sales offices in more than 150 countries and regions worldwide. Among them, there are manufacturing bases in China, Vietnam, and Malaysia. In addition, there are sales offices set up in countries such as the United States, Japan, Germany, India, Australia, the United Arab Emirates, and Thailand.

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 Intersolar Europe--was held in Munich, Germany. The exhibition attracted approximately 3000 companies to exhibit, including LONGi Green Energy Technology Co., Ltd. (hereinafter referred to as ...

In 2020, China announced that it will strive to bring its carbon emissions to a peak before 2030 and become carbon-neutral before 2060. It noted that China will further transform its energy consumption structure by promoting the wider use of clean and renewable energy and build a New Energy-dominated Power System, as PV power playing an ...

The "SNEC ES+ 9th (2024) International Energy Storage & Battery Technology and Equipment (Shanghai) Exhibition" brings together leading domestic and international brands in energy storage technology and equipment. The upstream sector of the industry chain includes suppliers of raw materials and core equipment.

Xi'an, China, September 3rd - On September 3, 2024, Hakainde Hichilema, President of the Republic of Zambia, visited LONGi's headquarters, in Xi'an, and had in-depth discussion with LONGi's leadership. The visit focused on topics such as Zambia's energy transition and cooperation with LONGi. Accompanying the President were Zambian Minister of Energy ...

In the recent paper titled "Silicon heterojunction back contact solar cells by laser patterning", LONGi Green Energy Technology Co., Ltd. (referred to as "LONGi") reported for the first time that crystalline silicon solar cells have broken the 27% efficiency barrier, marking a significant advancement in photovoltaic (PV) technology. This milestone not only highlights the ...

By optimizing the actual load demand, integrating power supply and grid resources, taking advanced technologies such as flexible energy storage and innovation of system and mechanism as the support, and regarding "safety, green and high efficiency" as targets, to innovate the power production and consumption mode, explore the development path for building a new ...

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