

LONGi always stands at the forefront of solar photovoltaic technology, focusing on bringing better and sustainable value innovation to customers. Every time upgrade our technology, we lead the technological transformation of the photovoltaic industry and promote global energy transformation and green development.

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

Under its mission of "making the best of solar energy to build a green world" and brand positioning of "the most trusted, reliable solar company that blazes the trail for green technology", LONGi has dedicated itself to technology innovation and established five business sectors, covering mono-crystalline silicon wafers, mono ...

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 ...

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 ...

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. The new solar cell is made of the same material as 95% of all current solar cells but performs much better at 26.81% efficiency. The ...

LONGi is a world leader in the clean energy transition. We provide a comprehensive suite of solar PV solutions that can optimize a wide range of project applications. Utility-Scale Solar

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 storage technology

LONGi announces the new world record efficiency of 30.1% for the commercial M6 size wafer-level silicon-perovskite tandem solar cells. Munich (Germany) 19th June----The world-leading solar technology company, LONGi Green Energy Technology Co., Ltd. (hereafter as "LONGi"), officially announced the new world record efficiency of 30.1% for the commercial M6 size ...

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 ...

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.

Once the economic efficiency of PV and energy storage is reached, traditional fossil energy will be quickly replaced. In November 2017, the German Energy Watch Group and Lappeenranta University of Technology in Finland jointly published a research paper projecting 100% renewable energy resources can be achieved on a global scale by 2050.

Ticker Symbol: 601012 Stock Name: LONGi Green Energy LONGi Green Energy Technology Co., Ltd. Semiannual Report 2024 Kindly reminder: The Semiannual Report 2024 in English is for reference only. The Chinese version shall prevail in case ...

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, ...

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.

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 development.

As a leading solar energy technology company in the world, LONGi believes that photovoltaic technology is a powerful weapon to deal with climate change and plays a key role in achieving the 2030 sustainable development goals of the United Nations. LONGi is committed to becoming an advocate, practitioner and leader of global clean energy sustainable development, and ...

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 ...

LONGi R& D Centres. LONGi has three R& D centers for wafers, cells, and modules and certified as national enterprise technology centers. We have established strategic partnerships with research institutes such as the University of New South Wales and the State Key Laboratory of Silicon Materials of Zhejiang University to strengthen cooperation and promote technology ...

LONGi regards customer as its core value and it has committed to creating a beautiful and habitable green planet for all human beings. We provide one stop solutions for green energy driven industries by supplying high value-added products ...

DUBAI, United Arab Emirates, December 3, 2023 - LONGi Green Energy Technology Co., Ltd. (LONGi), a global leader in solar technology, today shared the company's groundbreaking strategic vision to implement energy equity in partnership with NGOs, non-profits, and other humanitarian aid organizations at COP28. This initiative also advances the ...

LONGi Green Energy has implemented a five-year supplier empowerment plan, adopting an advanced management plan that expands from the company's internal supply chain to the upstream supply chain, gradually enhancing the system construction and on-site capabilities of suppliers. ... lithium/sodium-ion batteries and energy storage 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. ... LONGi plans to integrate solar power plants with pumped storage in areas that feature significant elevation differences and abundant sunlight, creating ...

China's Longi Green Energy has set a new world record for crystalline silicon solar module efficiency with its independently developed hybrid passivated back contact ...

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 ...

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Longi green energy storage technology

LONGi High-efficiency solar Module, widely adopting PERC solar cells technology, Half-cut Module Technology and Bifacial PV technology, Mono Silicon Crystalline Technology has become a leading manufacturer and brand in the export and installation of monocrystalline silicon solar photovoltaic module.

LONGi Sustainability Report 2023. Established in 2000, LONGi Green Energy Technology Co., Ltd. is headquartered in Xi'an, Shaanxi Province. With a vision to "To be the most compelling solar technology company by leading the world's transition to green energy", the company is dedicated to making clean energy affordable and accessible worldwide.

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