

# LONGI S ENERGY STORAGE LAYOUT



LONGi's technological and manufacturing leadership in solar wafers, cells and modules underscores our commitment to helping accelerate the clean energy transition. LONGi is more than a product supplier, offering project consultation, design, installation, procurement, commissioning, operation and maintenance, and financing expertise



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 ???



LONGi Module Design and Planning High Optical Utilization. Bifacial power generation. Innovative optical structure energy storage, starts using solar in manufacturing Solar becomes the main electricity source It is LONGi's vision and roadmap that Earth will be completely green and



Munich, June 15 th 2023 ??? LONGi Hydrogen, the world's leading large-scale electrolyzer and green hydrogen production solution provider, and Vision Grid Energy, a leading engineering, developer, owner and operator of vertically integrated green hydrogen production facilities and innovative energy technology company, are proud to announce the signing of a ???



LONGi has launched its Hi-MO X6 series of solar modules, which include the X6 Guardian product, designed for use in hot and humid climates. Anker SOLIX: integrated solar and energy storage are

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Tamil Nadu, May 2024??? The Indian textile industry, a cornerstone of the nation's economy, is taking a giant leap towards a greener future. A textile manufacturer in Coimbatore, Tamil Nadu has recently installed a solar power plant featuring LONGi's high-efficiency Hi-MO 5 solar modules. The project, carried out by the esteemed EPC firm Viridis Engineering, is already ???



LONGi R& D Centers. 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 ???



This is the result of the comprehensive layout of LONGi's PV technology as well as the horse race among several technical routes within the company. In 2020, China's carbon dioxide emissions has reached 11.35 billion tons, including 10.03 billion tons of energy consumption emissions and 1.32 billion tons of industrial process emissions

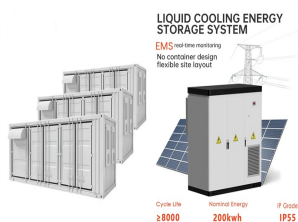


LONGi PARK standard design parameters The W-type optical storage LSC-W-XX-C LONGi Hi-MO4 efficient two-sided half-chip component Multiple route MPPT group serial inverter Mobile APP or PC cloud monitoring 6005-T6 high-strength aluminum alloy 25-year design life Energy storage system can be selected according to customer requirements



More than 700 exhibitors will showcase their products in the renewable energy industry and energy efficiency, storage, and the newly added Hydrogen segment. LONGi began to establish its global layout in the hydrogen business in 2021, focusing on large-scale alkaline electrolysis equipment, and at the same time deployed the green "power

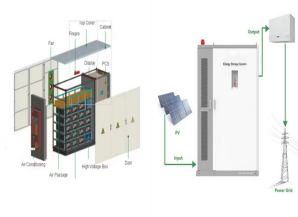
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LONGi has announced that it has established new cell efficiency world records of 26.56% for a p-type HJT cell and 26.09% for an indium-free HJT cell, based on an M6 full-size mono-crystalline silicon wafer and its self-developed mass production process, the results certified by Germany's Hamelin Solar Energy Research Institute (ISFH).



1 Duke Energy Prepared To Respon 2 Vestas Receives 40 MW Order in 3 TOPCon, HJT, and BC Cells: A N 4 Vestas has Received an Order f 5 Copenhagen is Introducing the 6 16GW! Yingfa and LONGi's HPBC 7 Desert Technologies to build 5 8 SolarCity Expands Residential 9 China, USA and India Respectiv 10 China Energy



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Withstand up to 55mm hailstone and 17X impact energy compared to IEC standard 25mm hail test. Optimized Electrical Parameters . The working current is about 13A, which is perfectly adapted to mainstream string inverters. For which applications is LONGi's Hi-MO 5 Ice-Shield module most suitable?



Cell production at a LONGi facility. Image: LONGi. Solar manufacturer LONGi Green Energy started the year by announcing an important capacity expansion plan and signing cooperation contracts for

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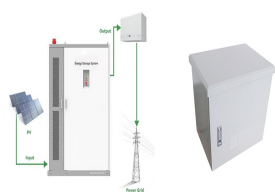
LONGi's residential solutions team focuses on optimized system user design, maximizing the utilization of roof area through the thoughtful design and layout of the PV system. Award-winning Modules LONGi modules have won the "All Quality Matters Award -Outdoor Energy Yield" as well as RETC's "High Achievers" awards for three consecutive years.



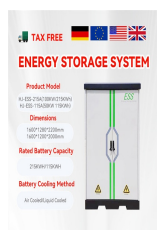
545W Output: These panels have an impressive power output of 545 watts, which is significantly higher than conventional solar panels. This means they can generate more electricity from the same amount of sunlight, making them more efficient. Bifacial: The panels are bifacial, which means they can capture sunlight from both the front and back sides. . This ???



Nagasaki, Japan, September 2024 ??? In the coastal area of Nagasaki, LONGi's 5.22kW Hi-MO X6 Full-Black solar modules have been installed, seamlessly integrating with the building's design while providing reliable power.. Chopro, a leading energy company specializing in liquefied petroleum gas and solar power, has launched the "Calm Toishi" project.



Adhering to its "3+1" technological innovation concept, encompassing producing, developing, researching and exploring new generation of technologies, LONGi improved its technological innovation system, boosted digital and smart transformation, standardized innovation management operations, strengthened intellectual property management, and accelerated the ???



LONGi Green Energy's 2023 annual report shows that the company is actively expanding its overseas capacity layout, with the 2.8GW module project in Malaysia and the 3.35GW cell project in Vietnam being put into operation on schedule, and the construction of the 6.6GW silicon rod project in Malaysia is progressing orderly.



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As an expert in the new energy industry, Mr. Li's in-depth research and innovative achievements in photovoltaics and energy storage have provided crucial support for the company's development in renewable energy and energy storage technologies. Lu Yi ?????? Independent Non-Executive Director; Lu Yi is a doctoral tutor of Tsinghua University.



Shanghai,China- June 14 th - On June 14th, at the highly anticipated 2024 SNEC Expo in Shanghai, LONGi Green Energy Technology Co., Ltd. (hereinafter referred to as "LONGi ") announced a major breakthrough in the development of its silicon-perovskite tandem solar cells.. According to authoritative certification by the European Solar Test Installation ???