

Espay Solar Energy S.L.

Longi BIPV photovoltaic panel efficiency



Overview

Powered by HIBC technology, the module reaches a record efficiency of 25.9%, the highest commercially available at the module level. Industry-leading product quality | Standardized technical team | Standardized design system | Makes buildings beautiful | Environmental protection | Technology and economic benefits We understand PV, building, and you better LONGi has a comprehensive product line of green building PV solutions and. Chinese solar technology giant Longi Green Energy Technology Co Ltd announced two new world records for solar cell efficiency recently, further cementing China's leading position in the global photovoltaic industry. The breakthroughs include a 33 percent conversion efficiency for a commercial-size. LONGi announced two new global efficiency records at the Technology Innovation Session during the 2025 SNEC in Shanghai. 9% efficiency and 259 W/m² power density, setting a new global benchmark in photovoltaic innovation The company has introduced in Shanghai the world's first 700 W solar panel, capable of delivering 259 W per square meter. Powered by HIBC. PV Hardware unveils solar tracker The Spanish company said that its new tracker "is designed for maximum adaptability to any terrain.

Longi BIPV photovoltaic panel efficiency



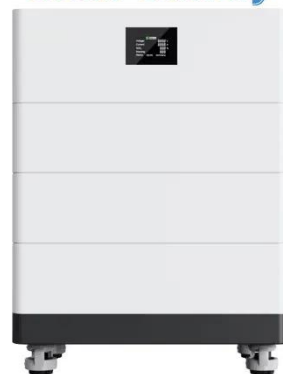
700 W solar module by LONGi sets 25.9% efficiency record

As of now, the LONGi HIBC 700+ is the most efficient solar module in the world. One of the key innovations is its high-density cell interconnection design, which increases the light ...

Longi sets two world records for solar cell efficiency

Chinese solar technology giant Longi Green Energy Technology Co Ltd announced two new world records for solar cell efficiency recently, further cementing China's leading position in the ...

High Voltage Solar Battery



Sunrise brief: Longi Green Energy sets world record for solar panel

Longi Green Energy sets world record for solar module efficiency at 25.4% China's Longi Green Energy has set a new world record for crystalline silicon solar module efficiency with its ...



LONGi Building-integrated

Photovoltaics (BIPV)

LONGi BIPV: Solar roofs & parking with 21.5% efficiency. Weather-resistant, 25-year ROI. Transform buildings into power generators.



TAX FREE



Product Model
HJ-ESS-215A(100KW/215KWh)
HJ-ESS-115A(50KW/115KWh)

Dimensions
1600*1280*2200mm
1600*1200*2000mm

Rated Battery Capacity
215KWH/115KWH

Battery Cooling Method
Air Cooled/Liquid Cooled



LONGi Building Integrated Photovoltaics, LONGi BIPV, BIPV

Superior Power Generation , Equipped with HPBC 2.0 technology, 24.6% module efficiency, Full-coverage design boosts generation by 6%+ Comprehensive Protection , Withstands Category 16 ...

LONGi announced two new global solar cell efficiency records

Certified by the authoritative US National Renewable Energy Laboratory (NREL), LONGi self-developed large-area (260.9 cm²) crystalline silicon-perovskite two-terminal tandem solar cell ...



Longi sets two world records for solar cell efficiency

The breakthroughs include a 33 percent conversion efficiency for a commercial-size (260.9 square centimeters) silicon-



perovskite tandem solar cell and 26 percent efficiency for a ...

Longi achieves world record for highest tandem solar cell efficiency

LONGi, a Chinese solar module manufacturer, recently announced it has achieved a remarkable power conversion efficiency of 34.6% in two-terminal tandem perovskite solar cell ...



Applications



LONGi Solar Panels & PV Modules , High-Efficiency Monocrystalline

Backed by advanced technologies, LONGi solar panels feature excellent power ratings and top conversion efficiencies, and can be used across all market segments. LONGi's field-proven bifacial ...

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