



EAGLE

PRODUCTS

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We have high powered solar modules and turnkey energy storage solutions for utility, C&I, and residential applications. These high quality, industry-leading products are backed by strong warranties and a solid on-time delivery track record.



TOUGHEST UNDER THE SUN

Our modules are Type 1 rated, resulting in thicker backsheets and far fewer failures. Other manufacturers'

backsheet failures range from 26% to 71% before end of warranty.

EAGLE G5

The EAGLE G5 modules utilize high efficiency half cut cells and our Diamond Half Cell technology. By minimizing white space between cells, we enable module power up to 545W.

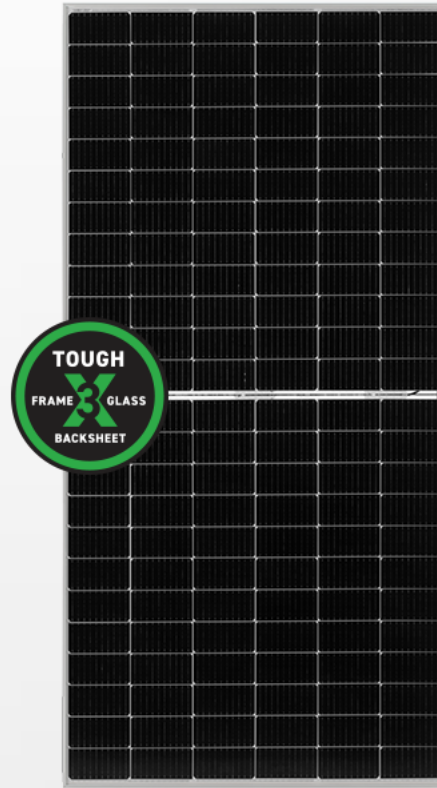
KEY BENEFITS

- Uniquely designed multi busbar half cut solar cells deliver high power in a small footprint.
- Fire Type 1 rated module engineered with a thick 40mm frame, 3.2mm front side glass, and thick backsheet for added durability
- Twin array design allows continued performance even with shading by trees or debris
- Certified to withstand humidity, heat, rain, salt spray, wind, hailstorms, and packed snow (55mm Hailstones at 34m/s)
- Bifacial cell architecture allows backside bonus and more lifetime power yield.
- Transparent back sheet allows easier installation BOS cost

MODELS INCLUDE:

EAGLE 72HM G5b (Bifacial)

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EAGLE G4

The EAGLE G4 modules utilize high efficiency cells and our new TR technology. By minimizing white space between cells, we enable module power up to 475W.

KEY BENEFITS

- TR technology eliminates cell gaps to increase module efficiency and power
- Uniquely designed 9 busbar half cut solar cells deliver ultra-high power in a small footprint
- Fire Type 1 rated module engineered with a thick frame, 3.2mm front side glass, and thick backsheet for added durability
- Twin array design allows continued performance even with shading by trees or debris
- Certified to withstand humidity, heat, rain, salt spray, wind, hailstorms, and packed snow (45mm Hailstones at 29m/s)

BIFACIAL ADDED FEATURES

- Bifacial cell architecture allows backside bonus and more lifetime power yield
- Transparent backsheet allows easier installation, BIPV, and

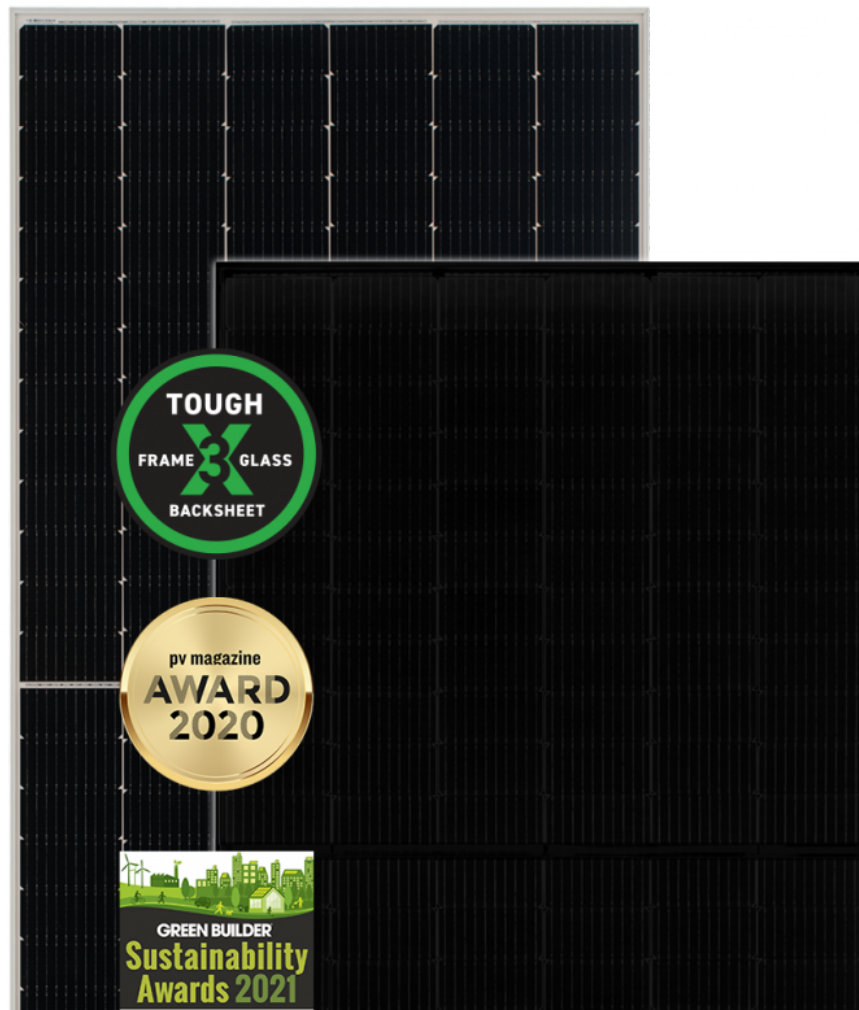
- Transparent back sheet allows easier installation BOS cost
- Thick front side glass and 40mm frame

MODELS INCLUDE:

EAGLE 66TR G4 (All Black)

EAGLE 78TR G4b (Bifacial)

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EAGLE G2

The EAGLE G2 module includes our Diamond cells. These uniquely designed cells feature high-efficiency mono PERC technology and enable module power up to 415W.

KEY BENEFITS

- Uniquely designed high-performance 5 busbar mono PERC cells
- Fire Type 1 rated module engineered with a thick frame, 3.2mm front side glass, and thick backsheet for added durability
- UL and IEC 1500V certified; lowers BOS costs and yields better LCOE
- Reinforced cells prevent PID
- Excellent performance in low-light environments
- Certified for high snow and wind loads (45mm Hailstones at 29m/s)
- 25-year linear power warranty

HALF CELL MODULE

This module consists of half-cut Diamond cells. Half cell modules have twin arrays and thus increased tolerance to shade. There's also less current loss, so module powers are higher.

MODELS INCLUDE:

EAGLE 72HM G2

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EAGLE RS

The EAGLE RS is a fully integrated DC-coupled 7.6kW/26.2kWh residential energy storage system.



KEY FEATURES

- IP55/65 and NEMA 4 outdoor-rated
- Separate cabinets allow for flexible installations
- LFP chemistry (safest for storage); robust BMS monitors battery working condition
- Automatic integrated transfer switch
- U.S. based monitoring app

DATASHEET:

EAGLE RS

EAGLE CS

The EAGLE CS is a fully integrated, scalable, turnkey AC-coupled energy storage system with 1 to 4-hour duration batteries for C&I and utility projects.



KEY FEATURES

- UL9540 certified from the factory
- High energy density, long battery life, and configurable system designs with a proven track record
- Secure data with real time optimization engine offering seamless integration to utility SCADA and onsite solar
- Remote accessibility, advanced monitoring for battery conditions such as SOH/SOC and temperature
- LFP battery chemistry, with proven BMS and off-gas detection to meet UL9540A requirements for thermal runaway
- Single point of contact for all components

DATASHEET:

EAGLE CS

QUALITY

Looking for high-quality solar? We've taken extra steps to ensure that our modules are second to none. We have rigorous in-house quality-control standards, and each module passes all the UL and IEC standards. We also invite the world's leading third-party organizations to audit our facilities, test our products, and help us to refine our state-of-the-art manufacturing process. As a result, JinkoSolar is one of the most tested and validated brands, resulting in one of the lowest warranty claim rates in the United States.

✓ BUILDING QUALITY FROM THE BOTTOM

The ingot and wafer represent the base and the most important part of the module manufacturing process. Unlike most other module manufacturers, we carefully produce our own ingots and wafers in-house. Using the latest silicon technology and advanced ingot seeding, only the highest-performing wafers are produced and used in JinkoSolar modules. Advanced ICP-MS (inductively coupled plasma mass spectrometry) and PL photoluminescence testing ensure the utmost wafer quality.

> DUPONT™ TEDLAR®

> THIRD-PARTY TESTING

> TOUGHEST UNDER THE SUN

RESEARCH & DEVELOPMENT

R&D provides a competitive edge and plays a critical role in the success and sustainability of a business. JinkoSolar invests significant resources in R&D, and the results speak for themselves—multiple world records in power and efficiency.



WORLD RECORDS

April 27, 2022

Breaks world record for large-area n-type monocrystalline cell efficiency

July 12, 2021

Breaks world record for large-area n-type monocrystalline cell efficiency

May 31, 2021

Breaks world record for large-area n-type monocrystalline cell efficiency

January 6, 2021

Breaks world record for large-area n-type monocrystalline cell efficiency

June 20, 2020

Breaks world record for large-area n-type monocrystalline cell efficiency

January 17, 2020

Breaks world record for bifacial module conversion efficiency

June 3, 2019

Breaks world record for p-type and n-type cell efficiency and mono PERC cell efficiency

November 8, 2018

Breaks world record for p-type mono PERC solar cell efficiency

May 18, 2018

Breaks world record for both p-type and n-type PV module power

May 9, 2018

Breaks world record for n-type mono cell efficiency

SMART HOMES

SHELTER DYNAMICS

Shelter Dynamics features two small-footprint, intelligent, net-zero, and sustainable homes, beginning with its two existing prototypes: the Flex House and the Arc House. The Arc House combines the economy and simplicity of small footprint living with cutting-edge building science. Smart, self-sufficient, and compact, the net-zero home integrates many facets of sustainability into one compelling and beautiful package. The Flex House is a model for “right-sized” living in a small, flexible space that is connected, intelligent, resilient and sustainable. The Flex House boasts an integrated smart + solar system as well as water-conserving products and fixtures and non-toxic, sustainable materials to ensure healthy indoor spaces. [Click here](#) For more information about Shelter Dynamics.



SERVICE | SUPPORT

We have one of the lowest warranty claim rates in the industry. When there is a claim, we take it very seriously. If you are an owner, please contact your installer. If you cannot reach your installer or you were the direct purchaser of the modules, please let us know immediately by downloading this form and following the instructions.

[WARRANTY CLAIM FORM](#)

DOWNLOADS | DOCUMENTS | ARCHIVED PRODUCTS

Datasheets, installation manuals, warranty, certifications, white papers, brochures, and more.

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