

# SOLAR AND STORAGE FROM ONE COMPANY

FOR HOMEOWNERS, Business owners, And Solar Professionals

# AMERICA'S DEPENDABLE SOLAR OPTION FROM THE GLOBAL LEADER

Homeowners adding any upgrade to their homes want reliable products they can trust, especially when technology is involved. It's no surprise that when they're upgrading to solar, they're turning to ultra-reliable EAGLE Modules for dependable, long-term, carefree performance.



### **AN INDUSTRY LEADER:**

### **#1 BRAND WORLDWIDE**

We've become the global leader through state-of-the-art manufacturing, dependable products, and highly responsive customer service.

#### **CHOSEN BY UTILITY EXPERTS**

Utilities want durable product performance even in extreme conditions. Across the United States, utilities choose EAGLE® Modules because they are the most thoroughly tested and trusted modules.

#### STATE OF THE ART MANUFACTURING

EAGLE® Modules are built in the world's most advanced facilities, including one in Jacksonville, Florida. These highly automated facilities use artificial intelligence and produce a large volume of high-quality modules to meet today's energy needs.

#### QUALITY AT EVERY STEP

Other manufacturers' modules are only as good as the parts they purchase elsewhere. We grow the ingots, slice the wafers, and create solar cells, modules, frames, connectors, and junction boxes. This vertical integration means that we can ensure the highest quality at every step.

#### **TESTED AND PROVEN**

EAGLE® Modules are among the most tested and validated products in the world by third-party labs. We're listed as a Top Performer for the PVEL PV Module Reliability Scorecard for the ninth consecutive time and scored as an overall High Achiever for the RETC PV Module Index Report for the fourth consecutive time.

#### WITH YOU, EVERY STEP FOR 25 YEARS

Exceptional customer service sets us apart even long after the sale. We pride ourselves in our integrity as a company, doing exactly what we say we are going to do.

### IN SHORT, EAGLE MODULES ARE SUPERIOR PRODUCTS FROM A COMPANY YOU CAN TRUST.

# **WORLD RECORD POWER**

JinkoSolar is the module manufacturer of choice for utilities, banks, big box retailers, technology companies, and homeowners. With the world's most advanced intelligent manufacturing, financial stability, and operational efficiency, we've become a trusted brand across the world.



1 out of 10 modules in the world was produced by JinkoSolar





equivalent to 3.1 million homes powered in the U.S. \*recent as of August 2023





in the U.S.

Number of countries where we do business



Listed as a Bloomberg Tier 1 manufacturer

# **AND MUCH MUCH MORE**



DEC 12, 2022 world record for large-area n-type monocrystalline silicon solar cell efficiency

NOV 15, 2022 world record for 182 mm TOPCon module reaches highest conversion efficiency

OCT 13, 2022 world record for large-area n-type monocrystalline silicon solar cell efficiency

APRIL 27, 2022 world record for large-area n-type monocrystalline silicon solar cell efficiency

JULY 12, 2021 world record for large-area n-type monocrystalline silicon solar cell efficiency

MAY 31, 2021 world record for large-area n-type monocrystalline silicon solar cell efficiency

JAN 6, 2021 world record for large-area n-type monocrystalline silicon solar cell efficiency

JUNE 20, 2020 world record for large-area n-type monocrystalline silicon solar cell efficiency

> JAN 17, 2020 world record for bifacial module conversion efficiency

JUN 3, 2019 world record for p-type and n-type cell efficiency and mono PERC cell efficiency

NOV 8, 2018 world record for p-type mono PERC solar cell efficiency

MAY 18, 2018 world record for p-type and n-type modules

MAY 9, 2018 world record for p-type mono cell efficiency









# **INTELLIGENT. AUTOMATED. PRECISE.**

### ADVANCED MANUFACTURING RESULTS IN MASS PRODUCED DEPENDABLE MODULES

Our manufacturing facilities are located throughout the world to meet global demand, including our facility in Jacksonville, Florida. These advanced facilities are carefully designed with artificial intelligence to ensure that EAGLE® Modules are as reliable and long-lasting as possible.

### Intelligent

Artificial intelligence in the machinery helps human operators make the best modules.

### Automated

Our cutting-edge, advanced robotics yield highvolume production. While other companies have trouble meeting demand and delivery schedules, our dedicated expert local logistics team is here to ensure your modules are delivered in a timely manner.

### Precise

Our internal quality specification is extremely conservative, meaning only the most pristine modules leave our factories.



Up and Running in Jacksonville To help meet U.S. demand, we've launched one of the world's most advanced, fully automated module assembly facilities in Jacksonville, Florida. Locating our first factory in the United States puts us even closer to our key U.S. customers, so we can provide better, more efficient local service. 280 American workers are assembling and delivering our latest modules.

#### **Bottom-Up Quality**

The ingot and wafer represent the base and most important part of the module manufacturing process. Unlike other 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 our modules.

# THE BEST INPUT YIELDS THE BEST OUTPUT

### QUALITY COMPONENTS PLUS QUALITY CONTROL.

We have rigorous in-house quality control standards and invite third parties to audit our facilities, test our products, and help us refine our manufacturing processes. As a result, JinkoSolar is one of the most tested and validated brands.

### 

JinkoSolar is one of the few companies to use DuPont<sup>™</sup> Tedlar<sup>®</sup> backsheet film. It's the same material used in the Mars Lander, the International Space Station, and commercial jets. While solar panels with other backsheet materials often fail before their intended lifespan, the DuPont<sup>™</sup> Tedlar<sup>®</sup> backsheet film is proven to protect solar panels in the field for more than 30 years, even in extreme conditions.

# TOUGHEST UNDER THE SUN



Our modules are Fire Type 1 rated and engineered with a thick frame, 3.2mm front side glass, and thick backsheet for added durability.

## **TAKES A HIT**

3.2mm glass certified to withstand up to 55mm hailstones at 29m/s, 10x impact energy of IEC 61215 standard. \*A golf ball = 1.68" (42.67mm)

## WEATHERS THE STORM

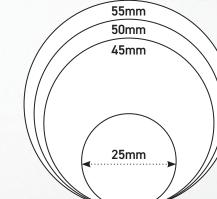
Tested and proven to withstand extreme weather conditions such as hurricane-force winds, humidity, heat, rain, salt, spray, wind, hailstorms, and packed snow.

Test results for uplift (wind) on 2 XR100 IronRidge rails.

EAGLE® G2 MODULE (72 CELL) 5400Pa test load (113mph/Category 3 hurricane)

EAGLE® G4 MODULE (66 CELL) 5400Pa test load (113mph/Category 3 hurricane)





### HAIL RESISTANCE RESULTS

EAGLE® G5b 55mm

EAGLE® G2 50mm EAGLE® G3 | G4/G4b | G5 45mm

Minimum IEC 61215 standard 25mm @ 23m/s

### **PROTECTS BETTER**

Fire Type 1 rated modules with thicker backsheets and fewer failures. Other manufacturers' backsheet failures range from 26% to 71% before end of warranty.

### **ADVANTAGES OF A THICK BACKSHEET**

- Helps bifacial modules run cooler with a lower temperature coefficient
- Offers more protection against abrasion
- More impermeable to moisture



## EXCELLENT SHADE TOLERANCE

Twin array design allows continued performance even with shading by trees or debris.



# EAGLE® MODULES

RESIDENTIAL AND COMMERCIAL MODULES



## **EAGLE® CONTINENTAL**

MONO PERC ALL BLACK 380-400 Watt

- Black backsheet and black frame create ideal look for residential applications
- UL and IEC 1500V certified, suitable for commercial applications
- Certified for high snow and wind loads
- Staubli MC4 connector
- Assembled in the USA From foreign components

# EAGLE<sup>®</sup> 66TR G4

## TILING RIBBON ALL BLACK 380-400 Watt

- All black aesthetic ideal for residential installation
- Staubli MC4 connector
- See Tiling Ribbon features

## **TILING RIBBON FEATURES**

- Tiling Ribbon (TR) technology eliminates cell gaps to increase module efficiency and power
- >20% module efficiency enables maximum power density on residential and commercial rooftops



# EAGLE<sup>®</sup> 72HM G5b

## MONO PERC BIFACIAL 520-545 Watt

- Multi busbar half-cut solar cells deliver high power in a small footprint
- Standardized 72 cell half-cut format with M10 wafer/182mm cell allows for simplified system design
- >21% module efficiency delivers highest power in area constrained installations
- See Bifacial features

### **BIFACIAL FEATURES**

- Bifacial cell architecture enables backside bonus and more lifetime power yield
- 3.2mm tempered glass and 40mm frame allows for a more durable product
- DuPont<sup>™</sup> Tedlar<sup>®</sup> based transparent backsheet reduces module weight when compared to dual glass construction, minimizing overall installation cost
- 30-year warranty

# EAGLE<sup>®</sup> 78TR G4b

TILING RIBBON BIFACIAL 460-475 Watt

See Tiling Ribbon and Bifacial features



# TAKE CHARGE OF YOUR ELECTRICITY

# **INTRODUCING EAGLE® RS**

### **RESIDENTIAL ENERGY STORAGE SYSTEM** 7.6kW/19.2kWh





Monitor your EAGLE® Storage system on our app Compatible with iOS and Android

### **KEY FEATURES**



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All in One Solution UL9540 system certified PCS and battery

**Outdoor-Rated** System NEMA 4X and IP55 rated



Fast Installation Same-day installation and commissioning



**US-Based Customer Service** Live service support and local technicians

Wrapped Warranty Single point of contact for all components;



Best in-Class Safety LFP Battery chemistry and robust BMS

**BACKUP POWER** For critical devices when power goes out

### SELE-CONSUMPTION

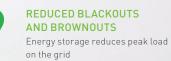
Use battery power at night charged from excess solar or other devices during the day



**TIME-OF-USE SAVINGS** 

Store power when it's cheapest and not being used

### **BENEFITS FOR THE COMMON GOOD:**



**CLEANER AIR** Reduced peak load means less



fossil fuel peaker plants

#### SCIENCENTER

15 kW donation to Everybody Solar Location Ithaca, NY | System Capacity 15 kW

## **SPREADING THE GOOD NEWS ABOUT SOLAR**

We measure success not by what we take in, but by what we give back to the communities we serve.

#### ARC HOUSE, FLEX HOUSE, AND THE ALIGN PROJECT SPONSORSHIPS

In partnership with Green Builder<sup>®</sup> Media, we supplied our high efficiency modules to power these commercially available, next generation homes. Future homeowners are cognizant of the importance of energy efficiency and sustainable living. These homes show how small, affordable spaces can be practical, smart, and beautiful.

#### CATHOLIC CHARITIES BUREAU, JACKSONVILLE, FL.

We supplied Catholic Charities' ESOL (English as an Other Language) program with 70 Chromebooks, and provided internet access to students for up to 1 year. This donation will support families who do not have the financial resources to purchase their own devices or access internet, which is essential for attending remote learning classes during this COVID-19 era.

#### **EVERYBODY SOLAR DONATIONS**

As an active contributor to Everybody Solar, we have donated more than 230 kW of modules to the non-profit organization. Our modules have provided the energy needs for organizations such as the Wildlife Associates in Half Moon Bay, California, Committee on the Shelterless (COTS) in Petaluma, California the Sciencenter in Ithaca, New York, and the Eugene Science Center in Eugene, Oregon.

#### **GRID ALTERNATIVES DONATIONS (#millionsolarstrong)**

We activated a philanthropic partnership with GRID Alternatives, the nation's largest non-profit solar installer. Our donation of over 1.4 MW of high-efficiency solar modules made throughout the last couple years has supported GRID Alternatives' efforts to bring solar power and job training to low-income communities across the country.

## **THROUGH SPONSORSHIPS AND DONATIONS**

#### **KIDS CANCER CONNECTION**

Our donation of 5 kW to Kid's Cancer Connection will save the facility more than \$1,000 per year, money that will be put towards a variety of services to help children and their families through the challenges of childhood cancer. Kids Cancer Connection provides a variety of patient psychosocial services to more than 100 children's hospitals across the country for children with cancer and their families.

#### MIAMI SCIENCE BARGE

We donated 15 kW of modules to the Miami Science Barge, allowing the floating marine lab and environmental education center to function completely off the grid. Aboard the Barge there will be 75 kWh of storage capacity, providing 3 days of stored energy. With this system, Miami Science Barge will save over \$1,000 annually, which it will reinvest in its scholarship programs.

#### NAVAJO NATIONS

JinkoSolar has provided 50,000 PPE masks and contributed \$10,000 to Heart of America's COVID-19 response efforts for the Navajo Nation. Heart of America and its partners are providing critical educational resources to students unable to participate in distance learning due to their remote location and lack of electricity and internet. Over 5,000 "PowerUp" bags (remote learning kits) have been distributed to the Navajo Nation, Ute Mountain Ute, and Hopi reservations.

#### **RE-VOLV**

We have donated over 135 kW to RE-Volv, a solar non-profit and member of the White House National Community Solar Partnership. Our donations significantly reduced RE-Volv's crowdfunding goal, allowing charities across the U.S. to enjoy the benefits of solar.

# **LEADING THE WAY** ENVIRONMENTAL SAFETY AND SOCIAL RESPONSIBILITY

Going solar is a great way for homeowners to reduce their carbon footprint and ensure a brighter, cleaner future. But what about the company creating the modules?

When you buy from JinkoSolar, you're working with a company that has a strong track record of environmental protection and ethical production standards.

We practice responsible manufacturing that reduces GHG emissions, electricity consumption, water usage, and wastewater discharge per megawatt of modules produced. We also promote a sustainable product life cycle, offering recycling resources to our customers, and protecting worker rights.

JinkoSolar made a commitment to the RE 100 and EP 100 to power all of our operations with 100% renewable power by 2025. This makes us the first solar manufacturer to make a 100% renewable energy pledge.

We were ranked #1 scoring 100/100 in the most recent Silicon Valley Toxics Coalition Solar Scorecard.

We were selected as an Eco-Leader by Green Builder Media® for making strides in reducing our carbon footprint and becoming carbon neutral.

We are one of only two solar manufacturers to achieve a SGS Silver Cradle-to-Cradle certification.

We helped launch SEIA's national recycling network in 2016. This national solar photovoltaic recycling program has established a network of cost-effective recyclers with the goal of recycling all modules at the end of their long lives.



# **AWARDS & HONORS**

### 2023

Solar Power World Leadership in Solar Award Participation in COP28 United Nations Climate Conference Green Builder® Sustainable Product of the Year PVEL PV Module Reliability Scorecard Top Performer RETC Overall Highest Achiever Award

### 2022

Harvard Business Review ESG Innovator Award EUPD Research Top Brand PV Modules Award RETC Overall Top Preformer Award PVEL PV Module Reliability Scorecard Top Performer Green Builder® Sustainable Product of the Year Award for EAGLE® RS

### 2021

Green Builder® Eco-Leader Award EUPD Research Top Brand PV Modules Award RETC Overall High Achiever Award Green Builder® Green Innovation Award Solar Power World Top Products Award PVEL PV Module Reliability Scorecard Top Performer

### 2020

RETC Overall High Achiever Award PV Magazine Award 2020 Green Builder® Media Eco-Leader PVEL PV Module Reliability Scorecard Top Performer

# **AWARDS & HONORS**

### 2019

DNV GL Module Reliability Scorecard Top Performer Silicon Valley Toxics Coalition Solar Scorecard #1 SelectUSA Certificate of Appreciation JAXUSA International Industry Leaderhsip Award Rushlight Natural Energy Award and Solar Award Intersolar Award for Bifacial Module Frost & Sullivan Global Solar PV Technology Leadership Award

### 2018

Global Challengers Awarded by The Boston Consulting Group DNV GL PV Module Reliability Scorecard Top Performer Bloomberg NEF Survey Most Bankable Bloomberg NEF Top Debt Financed Brand

### 2017

DNV GL PV Module Reliability Scorecard Top Performer 42nd Fastest Growing Company According to Fortune 100 B20 Berlin Energy, Climate, and Resource Efficiency Taskforce Co-Chair Silicon Valley Toxics Coalition Solar Scorecard Leader Category Bloomberg NEF Survey Most Bankable Bloomberg NEF Top Debt Financed Brand

### 2016-14

16th Fastest Growing Company According to Fortune 100 DNV GL PV Module Reliability Scorecard Top Performer Paris Climate Agreement Conference World Economic Forum Global Growth Companies





Our worldwide logistics network ensures that our modules arrive on-time and in pristine condition. We have dedicated warehouse facilities located in Long Beach, CA; Houston, TX; Port Elizabeth, NJ; and Jacksonville, FL. Because we understand that our U.S. customers value local service, we've built a fullservice team located in the heart of the Financial District in San Francisco, a nationwide sales team, and a state-of-the-art manufacturing facility in Jacksonville, Florida.

Our team includes manufacturing, sales, technical support, operations and logistics, marketing, finance, legal, and business development. In all cases, we have the ability to make quick decisions and provide highly responsive customer service.

Also available directly in select cases.

#### Jinko National Distributors





# For more information, visit **WWW.JINKOSOLAR.US**

### Homeowners

At the top of the page, select **HOMEOWNERS/BUSINESS** 

### Installers

At the top of the page, select

### PROFESSIONALS

January, 2024

SOLAR



**STORAGE**