

JINKOSOLAR U.S. HAIL RESISTANT MODULES

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WORLD RECORD POWER AND MORE



**SOLAR EFFICIENCY
WORLD RECORDS**



2023 REVENUE

85

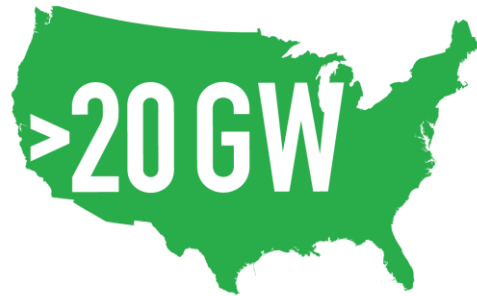
BANKS APPROVED
Projects using EAGLE® Modules



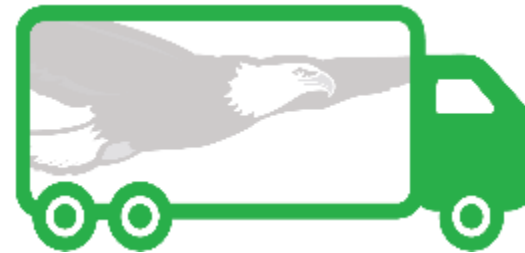
NYSE: JKS
Publicly listed on the New York
Stock Exchange since 2010



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



DEPLOYED IN THE U.S.
Equivalent to 3.6 million
homes powered in the U.S.
*recent as of February 2024



EXPERT LOCAL LOGISTICS
in the U.S.



Listed as a Bloomberg
Tier 1 manufacturer

EAGLE G5B



EAGLE
MODULES

THE MOST DEPENDABLE SOLAR PRODUCT

EAGLE® 72 G5b
525-545 WATT • HALF CELL BIFACIAL
Positive power tolerance of 0~+3%

- NYSE-listed since 2010, Bloomberg Tier 1 manufacturer
- Top performance in the strictest 3rd party labs
- Automated manufacturing utilizing artificial intelligence
- Vertically integrated, tight controls on quality
- Premium solar factories in USA, Vietnam, and Malaysia

LINEAR PERFORMANCE WARRANTY
30-Year Performance Warranty
12-Year Workmanship Warranty

KEY FEATURES

- Highest Hail Resistance**
Unique module construction
Tested to withstand hail strikes of up to 55mm
- Bifacial Power Gain**
Bifacial cell architecture allows backside bonus and more lifetime power yield.
- Light-Weight Design**
Use of transparent backsheet allows for easy installation and lower BOS cost.
- Thick and Tough**
Fire Type 1 rated module engineered with a thick frame, 3.2mm front side glass, and thick backsheet for added durability.
- Shade Tolerant**
Twin array design allows continued performance even with shading by trees or debris.
- Protected Against All Environments**
Certified to withstand humidity, heat, rain, marine environments, wind, hailstorms, and packed snow.

ISO 9001:2015 Quality Standards
ISO 14001:2015 Environmental Standards
IEC 61215, IEC 61730 certified products

ISO 45001:2018 Occupational Health & Safety Standards
UL 61730 certified products

UL IEC TÜV CE

BUILDING YOUR TRUST IN SOLAR. WWW.JINKOSOLAR.US

Jinko Solar

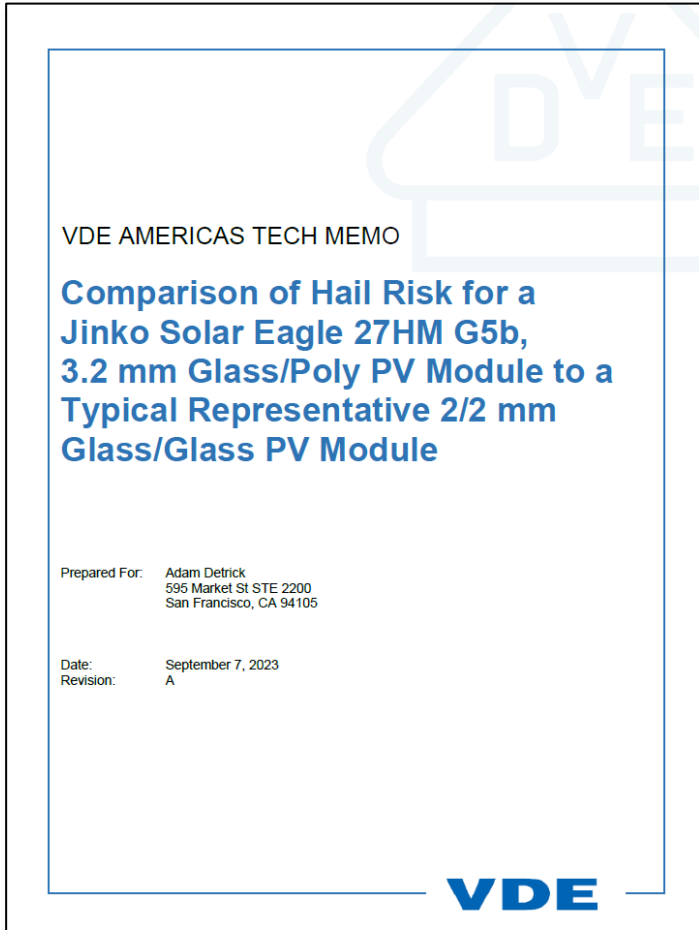
3.2MM FULLY TEMPERED GLASS

Hail resistance up to **55mm**

Product	Hail Resistance
EAGLE G5b	55mm
Standard Golf Ball	42.67mm
IEC 61215 standard	25mm @ 23m/s

- Module Construction and Tracker Stowing Strategies are the key drivers in reducing exposure
- Proper glass specification is not just thickness
- Specific module construction is important
- Must be validated by third-party lab

VDE: PRE ANALYSIS



- Sample Site in Fort Stockton, TX
- 100MW
- Single-Axis tracker
- 3.2mm-Backsheet vs 2.0/2.0 dual-glass

Project Name	Fort Stockton
Location Notes	Fort Stockton, Pecos County, TX
Coordinates	31.06, -102.80
Capacity (MW _{DC})	100.00
Mounting System	Single-Axis Tracking
PV Module Type 1	Representative 2/2 mm glass/glass
PV Module Type 2	n/a
Assumed PV Module Replacement Cost (\$/W)	\$0.40

HAIL: 3.2MM VS 2.0MM – FT STOCKTON, TX



Table 1. Summary of Estimated Cumulative Losses over Hold Periods

Tilt (degrees)	10-year hold			40-year hold		
	P50	P90	P95	P50	P90	P95
0	\$5.09M	\$19.80M	\$25.39M	\$30.56M	\$55.33M	\$64.26M
50	\$0.16M	\$1.17M	\$2.77M	\$1.54M	\$4.86M	\$6.36M
52	\$0.00M	\$0.17M	\$1.90M	\$1.12M	\$2.87M	\$3.79M
60	\$0.00M	\$0.00M	\$0.00M	\$0.23M	\$0.59M	\$0.78M

Jinko G5b

Table 1. Summary of Estimated Cumulative Losses over Hold Periods

Tilt (degrees)	10-year hold			40-year hold		
	P50	P90	P95	P50	P90	P95
0	\$15.53M	\$37.47M	\$45.83M	\$68.99M	\$110.06M	\$123.64M
50	\$1.79M	\$7.16M	\$9.00M	\$11.20M	\$20.81M	\$24.40M
52	\$1.31M	\$5.49M	\$6.99M	\$8.59M	\$16.16M	\$18.52M
60	\$0.51M	\$2.00M	\$2.38M	\$2.83M	\$5.48M	\$6.38M

Standard 2.0/2.0



**THANK YOU FOR YOUR BUSINESS
AND YOUR SUNNY DISPOSITION**