

## CERTIFICATE n. 23-223-B

Issued by: **SUPSI - PV LAB**  
SAS accredited laboratory ISO 17025 n. 0531

Based on the test report: n. 23-223/B-REP1-rev0 dated 2024.03.06

Issued by: **SUPSI – PV LAB**  
Campus Mendrisio, CH - 6850 Mendrisio – Switzerland

We declare that the building component: photovoltaic module with associated mounting system, mod.

### Jinko Solar Co., Ltd.- Model/Type: JKM435N-54HL4R-V

PV Module Type	Cells n.	Cell technology	Glass / superstrate	Module size (gross)	Power [W]
JKM435N-54HL4R-V	108	Mono-crystalline Si-mono-facial N-Type - half-cut	tempered solar glass with anti-reflective coating - thickness 3.2 mm	1762 x 1134 x 30 mm	435

Extended by similarity, without retesting to:

PV Module Type	Cells n.	Cell technology	Glass / superstrate	Module size (gross)	Power [W]
JKM435N-54HL4R	108	Mono-crystalline Si-monofacial N-Type - half-cut	tempered solar glass with anti-reflective coating - thickness 3.2 mm	1762 x 1134 x 30 mm	435
JKM425N-54HL4R					425
JKM425N-54HL4R-V					
JKM430N-54HL4R					430
JKM430N-54HL4R-V					
JKM440N-54HL4R					440
JKM440N-54HL4R-V					
JKM445N-54HL4R					445
JKM445N-54HL4R-V					
JKM450N-54HL4R					450
JKM450N-54HL4R-V					

Manufactured by:	<b>Jinko Solar Co., Ltd.</b> - No.1, Yingbin Road, Economic Development Zone, Shangrao City, 334100 Jiangxi, P.R. - CHINA
License holder:	<b>JinkoSolar GmbH</b> - Konrad Zuse Platz 8   81929 München   GERMANY

has been tested according to:

## HAIL RESISTANCE CLASS HW 4

( According to VKF - Prüfbestimmung Nr. 25 - Photovoltaik Module - ver. 1.03 )

The relevant technical data, materials and components descriptions are listed in the report. Any changes of the design, materials, components or processing may require the repetition of testing.

Mendrisio, 2024.03.06

Giovanni Bellenda  
Head of SUPSI PVLab

2024-03-08 09:21

Digitally signed by Giovanni Bellenda

Mauro Caccivio

Head of SUPSI PV sector

2024-03-13 07:31

Digitally signed by Mauro Caccivio