

# CERTIFICATE

**TÜV NORD CERT GmbH**  
herewith declares that

**Yakii Industry Co., LTD**  
78-2 Shizhu new street, Sanjia street, Taizhou Bay New District  
Taizhou City, Zhejiang Province  
P.R. China

is authorized to provide the product mentioned below with the mark as illustrated:

**Description of product (details see Annex 2):**

**PV Modules with 7" Half-cut Mono-crystalline Silicon Solar Cells**

**PV Modules with 6" Half-cut Mono-crystalline Silicon Solar Cells**



Valid from: 2021-05-21

Valid until: 2026-05-07

Tested according to: IEC / EN 61215-1:2016;  
IEC / EN 61215-1-1:2016;  
IEC 61215-2:2016 / EN 61215-2:2017 + AC:2017 + AC:2018;  
IEC 61730-1:2016 / EN IEC 61730-1:2018 + AC:2018;  
IEC 61730-2:2016 / EN IEC 61730-2:2018 + AC:2018.

Registered No.: 44 780 21 406749 - 092

Manufacturer: see Annex 1

Test Report No.: 492011687.001

File No.: SHV01017/20-01



**TÜV NORD CERT GmbH**  
**Certification Body**  
**Consumer Products**



Essen, 2021-05-21

Please also pay attention to the information stated overleaf.

Anlage 1 zum Zertifikat Nr.: / Annex 1 to Certificate No.: 44 780 21 406749 - 092

Seite / Page 1 von / of 1

Aktenzeichen: / File reference: SHV01017/20-01

2021-05-21

**Manufacturer:**

Manufacturer: Coded by debtor no. 55496802

Factory inspection report no.: 862010536.001

**Remark:**

Factory inspection is mandatory to be performed annually. Please refer to factory inspection report for detailed information.

A handwritten signature in blue ink, appearing to be "Rogier K.", written in a cursive style.

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**Consumer Products**

**Description of product(s):**

Module types:

**PV Modules with 7" Half-cut Mono-crystalline Silicon Solar Cells:**

156 cells: A-HCMxxx/156 (xxx = 560-605, in increment of 5)  
156 cells: EXE A-HCMxxx/156 (xxx = 560-605, in increment of 5)  
144 cells: A-HCMxxx/144 (xxx = 520-555, in increment of 5)  
144 cells: EXE A-HCMxxx/144 (xxx = 520-555, in increment of 5)  
132 cells: A-HCMxxx/132 (xxx = 475-510, in increment of 5)  
132 cells: EXE A-HCMxxx/132 (xxx = 475-510, in increment of 5)  
120 cells: A-HCMxxx/120 (xxx = 430-465, in increment of 5)  
120 cells: EXE A-HCMxxx/120 (xxx = 430-465, in increment of 5)  
108 cells: A-HCMxxx/108 (xxx = 390-415, in increment of 5)  
108 cells: EXE A-HCMxxx/108 (xxx = 390-415, in increment of 5)  
96 cells: A-HCMxxx/96 (xxx = 345-370, in increment of 5)  
96 cells: EXE A-HCMxxx/96 (xxx = 345-370, in increment of 5)  
84 cells: A-HCMxxx/84 (xxx = 300-325, in increment of 5)  
84 cells: EXE A-HCMxxx/84 (xxx = 300-325, in increment of 5)  
72 cells: A-HCMxxx/72 (xxx = 260-280, in increment of 5)  
72 cells: EXE A-HCMxxx/72 (xxx = 260-280, in increment of 5)  
60 cells: A-HCMxxx/60 (xxx = 215-230, in increment of 5)  
60 cells: EXE A-HCMxxx/60 (xxx = 215-230, in increment of 5)  
48 cells: A-HCMxxx/48 (xxx = 175-185, in increment of 5)  
48 cells: EXE A-HCMxxx/48 (xxx = 175-185, in increment of 5)  
42 cells: A-HCMxxx/42 (xxx = 150-160, in increment of 5)  
42 cells: EXE A-HCMxxx/42 (xxx = 150-160, in increment of 5)  
36 cells: A-HCMxxx/36 (xxx = 130-140, in increment of 5)  
36 cells: EXE A-HCMxxx/36 (xxx = 130-140, in increment of 5)  
30 cells: A-HCMxxx/30 (xxx = 110, 115)  
30 cells: EXE A-HCMxxx/30 (xxx = 110, 115)  
26 cells: A-HCMxxx/26 (xxx = 95, 100)  
26 cells: EXE A-HCMxxx/26 (xxx = 95, 100)  
18 cells: A-HCMxxx/18 (xxx = 65, 70)  
18 cells: EXE A-HCMxxx/18 (xxx = 65, 70)  
16 cells: A-HCM60/16  
16 cells: EXE A-HCM60/16  
14 cells: A-HCM50/14  
14 cells: EXE A-HCM50/14

Maximum system voltage:

1500V

Fuse rating:

25A



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Electrical protection class:	Class II
Pollution degree:	1
Material group:	I
Design load (positive / negative):	3600Pa / 1600Pa
Safety factors:	1.5
Fire safety class:	Class C according to ANSI/UL 1703-2018 (as per ANSI/UL 790-2018)

Module types:	<b>PV Modules with 6" Half-cut Mono-crystalline Silicon Solar Cells:</b> 156 cells: A-HCMxxx/156-M6 (xxx = 465-500, in increment of 5) 156 cells: EXE A-HCMxxx/156-M6 (xxx = 465-500, in increment of 5) 144 cells: A-HCMxxx/144-M6 (xxx = 430-465, in increment of 5) 144 cells: EXE A-HCMxxx/144-M6 (xxx = 430-465, in increment of 5) 132 cells: A-HCMxxx/132-M6 (xxx = 395-425, in increment of 5) 132 cells: EXE A-HCMxxx/132-M6 (xxx = 395-425, in increment of 5) 120 cells: A-HCMxxx/120-M6 (xxx = 360-385, in increment of 5) 120 cells: EXE A-HCMxxx/120-M6 (xxx = 360-385, in increment of 5) 108 cells: A-HCMxxx/108-M6 (xxx = 325-345, in increment of 5) 108 cells: EXE A-HCMxxx/108-M6 (xxx = 325-345, in increment of 5)
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Maximum system voltage:	1500V
Fuse rating:	25A
Electrical protection class:	Class II
Pollution degree:	1
Material group:	I
Design load (positive / negative):	3600Pa / 1600Pa
Safety factors:	1.5
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## Remark:

For detailed product information, please refer to CDF (Constructional Data Form) in Annex 1 of test report.



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