

CERTIFICATE

TÜV NORD CERT GmbH
herewith declares that

Anhui Daheng Energy Technology Co., Ltd.
6#A 1-3F, Gongtouxinglu Science & Technology Industrial Park
Luyang District, Hefei City, Anhui 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 6" Mono-crystalline Silicon Solar Cells

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

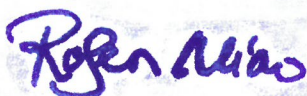
PV Modules with 7" Half-cut Mono-crystalline Silicon Solar Cells



Valid from: 2021-09-02

Valid until: 2024-06-13

Certification program:	P12-VA-01 Rev. 17 09.20
Certification fundamental(s):	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 19 406749 - 367R4M5
Manufacturer:	see Annex 1
Test Report No.:	492011236.008
File No.:	PVP04006/21P-01



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Essen, 2021-09-02

Please also pay attention to the information stated overleaf.

Anlage 1 zum Zertifikat Nr.: / Annex 1 to Certificate No.: 44 780 19 406749 - 367R4M5

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Aktenzeichen: / File reference: PVP04006/21P-01

2021-09-02

Manufacturer:

Manufacturer: **Anhui Daheng Energy Technology Co., Ltd.**
No.358, Tianhe Road, Luyang industrial Park
Hefei City, Anhui Province, P.R. China

Factory inspection report no.: 862010444.002

Remark:

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



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Description of product(s):

Module types:

PV Modules with 6" Mono-crystalline Silicon Solar Cells:

72 cells: DHM72-xxxW (xxx = 325 - 370, in increment of 5)

72 cells: DHM72/FS-xxxW (xxx = 325 - 370, in increment of 5)

60 cells: DHM60-xxxW (xxx = 275 - 310, in increment of 5)

60 cells: DHM60/FS-xxxW (xxx = 275 - 310, in increment of 5)

72 cells: DHM72X-xxxW (xxx = 370 - 390, in increment of 5)

72 cells: DHM72X/FS-xxxW (xxx = 370 - 390, in increment of 5)

60 cells: DHM60X-xxxW (xxx = 310 - 325, in increment of 5)

60 cells: DHM60X/FS-xxxW (xxx = 310 - 325, in increment of 5)

Maximum system voltage:

1500V

Fuse rating:

16A

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:

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

144 cells: HCM72-xxxW (xxx = 350 - 390, in increment of 5)

144 cells: HCM72/FS-xxxW (xxx = 350 - 390, in increment of 5)

120 cells: HCM60-xxxW (xxx = 290 - 325, in increment of 5)

120 cells: HCM60/FS-xxxW (xxx = 290 - 325, in increment of 5)

156 cells: HCM78X9-xxxW (xxx = 415 - 455, in increment of 5)

156 cells: HCM78X9/FS-xxxW (xxx = 415 - 455, in increment of 5)

144 cells: HCM72X9-xxxW (xxx = 385 - 420, in increment of 5)

144 cells: HCM72X9/FS-xxxW (xxx = 385 - 420, in increment of 5)

120 cells: HCM60X9-xxxW (xxx = 320 - 350, in increment of 5)

120 cells: HCM60X9/FS-xxxW (xxx = 320 - 350, in increment of 5)

144 cells: DHM-72L9-xxxW (xxx = 430 - 465, in increment of 5)

144 cells: DHM-72L9/FS-xxxW (xxx = 430 - 465, in increment of 5)

144 cells: DHM-72L9/BF-xxxW (xxx = 430 - 465, in increment of 5)

144 cells: DHM-72L9/FS/BF-xxxW (xxx = 430 - 465, in increment of 5)

120 cells: DHM-60L9-xxxW (xxx = 360 - 385, in increment of 5)

120 cells: DHM-60L9/FS-xxxW (xxx = 360 - 385, in increment of 5)

120 cells: DHM-60L9/BF-xxxW (xxx = 360 - 385, in increment of 5)

120 cells: DHM-60L9/FS/BF-xxxW (xxx = 360 - 385, in increment of 5)

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Maximum system voltage:	1500V
Fuse rating:	20A
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:

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

- 144 cells: DHM-72X10-xxxW (xxx = 525 - 555, in increment of 5)
- 144 cells: DHM-72X10/FS-xxxW (xxx = 525 - 555, in increment of 5)
- 144 cells: DHM-72X10/BF-xxxW (xxx = 525 - 555, in increment of 5)
- 144 cells: DHM-72X10/FS/BF-xxxW (xxx = 525 - 555, in increment of 5)
- 132 cells: DHM-66X10-xxxW (xxx = 485 - 505, in increment of 5)
- 132 cells: DHM-66X10/FS-xxxW (xxx = 485 - 505, in increment of 5)
- 132 cells: DHM-66X10/BF-xxxW (xxx = 485 - 505, in increment of 5)
- 132 cells: DHM-66X10/FS/BF-xxxW (xxx = 485 - 505, in increment of 5)
- 120 cells: DHM-60X10-xxxW (xxx = 440 - 460, in increment of 5)
- 120 cells: DHM-60X10/FS-xxxW (xxx = 440 - 460, in increment of 5)
- 120 cells: DHM-60X10/BF-xxxW (xxx = 440 - 460, in increment of 5)
- 120 cells: DHM-60X10/FS/BF-xxxW (xxx = 440 - 460, in increment of 5)
- 108 cells: DHM-54X10-xxxW (xxx = 395 - 415, in increment of 5)
- 108 cells: DHM-54X10/FS-xxxW (xxx = 395 - 415, in increment of 5)
- 108 cells: DHM-54X10/BF-xxxW (xxx = 395 - 415, in increment of 5)
- 108 cells: DHM-54X10/FS/BF-xxxW (xxx = 395 - 415, in increment of 5)

Maximum system voltage:	1500V
Fuse rating:	20A
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)

Remark:

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



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