

CERTIFICATE

TÜV NORD CERT GmbH
herewith declares that

Suzhou Akcome Optronics Science & Technology Co., Ltd.
Jintang Rd, Zhangjiagang Economic Development Zone
Zhangjiagang City, Jiangsu Province, 215618
P.R. China

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

Description of product (details see Annex 2):

Crystalline Silicon Terrestrial Photovoltaic (PV) Modules



Valid from: 2021-10-14

Valid until: 2026-10-13

Certification program:	P12-VA-01 Rev. 17 09.20
Certification fundamental(s):	P12.4-AA-04 Rev. 00 (IEC 60068-2-68:1994 modified)
Remark:	Test Method Lc1; Dust concentration: $5 \pm 1.5 \text{ g/m}^3$; Wind velocity: $20 \pm 2 \text{ m/s}$; Test duration: 4 hours each side.
Registered No.:	44 780 21 406749 - 215
Manufacturer:	see Annex 1
Test Report No.:	492011826.001
File No.:	PVP04119/21P-03



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Certification Body
Consumer Products



Essen, 2021-10-14

Please also pay attention to the information stated overleaf.

Manufacturer:

Manufacturer 1: **Suzhou Akcome Optronics Science & Technology Co., Ltd.**

Jintang Rd, Zhangjiagang Economic Development Zone
Zhangjiagang City, Jiangsu Province, 215618, P.R. China

Factory inspection report no.: 862010243.008

Manufacturer 2: **Zhejiang Akcome Optronics Science&Technology Co., Ltd.**

Zheneng Science and Technology Industrial Park, Meishan Town
Changxing, Huzhou City, Zhejiang, P.R.China

Factory inspection report no.: 862010481.002

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 half-cut 6" Mono-crystalline Silicon Solar Cells:

144 cells: SK6612MHVC-xxx (xxx = 370-425, in increment of 5)

132 cells: SK6611MHVC-xxx (xxx = 355-390, in increment of 5)

120 cells: SK6610MHVC-xxx (xxx = 310-355, in increment of 5)

144 cells: SK8612MHVC-xxx (xxx = 420-460, in increment of 5)

132 cells: SK8611MHVC-xxx (xxx = 385-420, in increment of 5)

120 cells: SK8610MHVC-xxx (xxx = 350-380, in increment of 5)

108 cells: SK8609MHVC-xxx (xxx = 315-340, in increment of 5)

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

144 cells: SK9612MHVC-xxx (xxx = 525-550, in increment of 5)

132 cells: SK9611MHVC-xxx (xxx = 480-500, in increment of 5)

120 cells: SK9610MHVC-xxx (xxx = 440-455, in increment of 5)

Maximum system voltage:

1500V

Fuse rating:

25A or 20A

Application class:

Class A

Electrical protection class:

Class II

Module types:

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

144 cells: SK6612MC-xxx (xxx = 370-425, in increment of 5)

132 cells: SK6611MC-xxx (xxx = 355-390, in increment of 5)

120 cells: SK6610MC-xxx (xxx = 310-355, in increment of 5)

144 cells: SK8612MC-xxx (xxx = 420-460, in increment of 5)

132 cells: SK8611MC-xxx (xxx = 385-420, in increment of 5)

120 cells: SK8610MC-xxx (xxx = 350-380, in increment of 5)

108 cells: SK8609MC-xxx (xxx = 315-340, in increment of 5)

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

144 cells: SK9612MC-xxx (xxx = 525-550, in increment of 5)

132 cells: SK9611MC-xxx (xxx = 480-500, in increment of 5)

120 cells: SK9610MC-xxx (xxx = 440-455, in increment of 5)

Maximum system voltage:

1000V

Fuse rating:

25A or 20A

Application class:

Class A

Electrical protection class:

Class II

Remark:

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



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