

CERTIFICATE

of Conformity


Registration No.: AK 50663378 0001
Report No.: CN24WK4G 001
Holder: Zhejiang Aiko Solar Technology
Co., Ltd.
No. 655, Haopai Road, Suxi Town,
Yiwu,
322009 Zhejiang
P.R. China
Product: PV Module

Type designation listed on the next page

The certificate of conformity refers to the above-mentioned product. This is to certify that the specimen is in conformity with the assessment requirement mentioned on the next page. This certificate does not imply assessment of the production of the product and does not permit the use of a TÜV Rheinland mark of conformity.

Certification Body

Date: 2025-01-24


Dipl.-Ing. (FH) Fan He



TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

CERTIFICATE

of Conformity

Registration No.: AK 50663378 0001

Product: PV Module

Tested according to: IEC TS 63209-1:2021

Identification: Type Designation
Max. System Voltage: up to 1500 VDC (Voc at STC):
With 1/2 cut mono c-Si cells:
AIKO-Gxxx-MCH72Dw
(xxx=610-655, in steps of 5, 144 cells)
AIKO-Axxx-GRH66Dw
(xxx=610-660, in steps of 5, 132 cells)
xxx represents output power in Wp



TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

CERTIFICATE

of Conformity

Registration No.: AK 50656951 0001
Report No.: CN24X5FC 001
Holder: Zhejiang Aiko Solar Technology
Co., Ltd.
No. 655, Haopai Road, Suxi Town,
Yiwu,
322009 Zhejiang
P.R. China
Product: PV Module

Type designation listed on the next page

The certificate of conformity refers to the above-mentioned product. This is to certify that the specimen is in conformity with the assessment requirement mentioned on the next page. This certificate does not imply assessment of the production of the product and does not permit the use of a TÜV Rheinland mark of conformity.

Certification Body



Date: 2024-12-04

Dipl.-Ing. (FH) Fan He



TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

CERTIFICATE

of Conformity

Registration No.: AK 50656951 0001

Product: PV Module

Tested according to: IEC 62938:2020
EN IEC 62938:2020

Identification: Type Designation
Max. System Voltage: up to 1500 VDC (Voc at STC):
With ½ cut mono c-Si cells:
AIKO-Gxxx-MCH72Dw (xxx=610-655, in steps of 5, 144 cells)
AIKO-Axxx-GRH66Dw (xxx=610-660, in steps of 5, 132 cells)
xxx represents output power in Wp.



TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg



Product Service

Compliance Document

No. D 125178 0002 Rev. 00

Holder of Certificate: **Zhejiang Aiko Solar Technology Co., Ltd.**
No. 655, Haopai Road, Suxi Town
322009 Yiwu, Zhejiang
PEOPLE'S REPUBLIC OF CHINA

Product: **Crystalline Silicon Terrestrial Photovoltaic (PV) Modules**
Mono-Crystalline Silicon Photovoltaic module

Model(s): **AIKO-Axxx-GRH66Dw (xxx=615 to 660, in steps of 5)**
xxx stands for rated output power at STC.

Parameters:

Construction:	Framed, with Junction box, Cable and Connectors.
Safety Class:	Class II
Maximum System Voltage:	1500V DC
Remark:	the test method is referred to IEC TS 62782:2016

Tested PPP 58069A:2013

according to:

This Compliance document confirms the compliance with the listed standards on a voluntary basis. It refers only to the sample submitted for testing and certification and does not certify the quality or safety of the serial products. For details see: www.tuvsud.com/ps-cert

Test report no.: 704062405914-00

Date, 2024-08-05

(Zhulin Zhang)

CERTIFICATE

TÜV NORD CERT GmbH
herewith declares that

Zhejiang Aiko Solar Technology Co., Ltd.
No.655, Haopai Road, Suxi Town
Yiwu City, Zhejiang Province
322009, P.R. China

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

Description of product (details see Annex 2):

Photovoltaic Module Shipping Unit



Valid from: 2024-06-11

Valid until: 2029-06-10

Certification program:	P12-VA-01 Rev. 17 09.20
Certification fundamental(s):	IEC / EN 62759-1:2022.
Registered No.:	44 780 24 406749 - 230
Manufacturer and factory(-ies):	See Annex 1
Test Report No.:	492013138.001
File No.:	PVP12166/23P



TÜV NORD CERT GmbH
Certification Body
Consumer Products



Essen, 2024-06-11

Please also pay attention to the information stated overleaf.

Manufacturer and factory(-ies):

Manufacturer:	Zhejiang Aiko Solar Technology Co., Ltd. No.655, Haopai Road, Suxi Town, Yiwu City, Zhejiang Province, 322009, P.R. China
Factory 1:	Guangdong Aiko Solar Technology Co., Ltd. No.3, South Qili Avenue, Leping Town, Sanshui District, Foshan 528137 Guangdong, P.R. China
Factory inspection report no.:	862010927.001
Factory 2:	Zhuhai Fushan Aiko Solar Technology Co., Ltd. No.681, Fuguo Road, Doumen District, Zhuhai 519175 Guangdong, P.R. China
Factory inspection report no.:	862010870.001
Factory 3:	Zhejiang Aiko Solar Technology Co., Ltd. No.888, Longqi Road, Suxi Town, Yiwu 322009 Zhejiang, P.R. China
Factory inspection report no.:	862010964.001

Remark:

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



TÜV NORD CERT GmbH
Certification Body
Consumer Products

Description of product(s):

Model types: Carton box containing 36+3 PV modules with 144 pcs of mono-crystalline silicon solar cells, placed on the plywood pallet

PV Modules with 182.2mm × 96.25mm Mono-crystalline Silicon Solar Cells:

144 cells: AIKO-Gxxx-MCH72Dw (xxx=610-650, in steps of 5)

Remark: xxx indicates output power from the front side only.

Dimension of carton box: 2400mm x 1200mm x 1300mm

Total weight: 1260kg

Number of PV modules: 36

Placement of PV modules: Placed in vertical, landscape-oriented

Dimension of module: 2382mm x 1134mm x 30mm

Main parts: plywood pallet, carton box, fixing belts

Remark:

For detailed product information, please refer to CDF (Constructional Data Form).



TÜV NORD CERT GmbH
Certification Body
Consumer Products



Product Service

Attestation of Conformity

No. E8A 125178 0001 Rev. 00

Holder of Attestation: **Zhejiang Aiko Solar Technology Co., Ltd.**

No. 655, Haopai Road, Suxi Town
322009 Yiwu, Zhejiang
PEOPLE'S REPUBLIC OF CHINA

Name of Object: **Crystalline Silicon Terrestrial Photovoltaic
(PV) Modules
(PV Module)**

This Attestation of Conformity is issued on a voluntary basis according to the Directive 2014/30/EU relating to electromagnetic compatibility. It confirms that the listed apparatus complies with the principal protection requirements of the directive and is based on the technical specifications applicable at the time of issuance. It refers only to the particular sample submitted for conformity assessment. For details see: www.tuvsud.com/ps-cert

Test report no.: 6876024012701

Date, 2024-03-08

(Cookies Bu)

Page 1 of 2

This Attestation does not replace the regulatory EU Declaration of Conformity (DoC) and does not allow for CE marking. After preparation of the necessary documentation and establishing compliance to requirements of all applicable directives, the manufacturer may sign a DoC and apply the CE marking. The DoC is issued under the sole responsibility of the manufacturer.



Product Service

Attestation of Conformity

No. E8A 125178 0001 Rev. 00

Model(s):

For Single-Glass PV module:

Max. System Voltage: up to 1500 VDC (Voc at STC):

With 1/2 cut of mono c-Si cells:

AIKO-Axxx-MAH72Mw (xxx=550-625, in steps of 5, 144 cells)

AIKO-Axxx-MAH60Mw (xxx=460-520, in steps of 5, 120 cells)

AIKO-Axxx-MAH54Mw (xxx=415-465, in steps of 5, 108 cells)

AIKO-Axxx-MAH72Mb (xxx=550-615, in steps of 5, 144 cells)

AIKO-Axxx-MAH60Mb (xxx=460-510, in steps of 5, 120 cells)

AIKO-Axxx-MAH54Mb (xxx=415-460, in steps of 5, 108 cells)

AIKO-Gxxx-MCH72Mw (xxx=615-660, in steps of 5, 144 cells)

AIKO-Gxxx-MCH54Mw (xxx=465-495, in steps of 5, 108 cells)

For Double-Glass PV module (bifacial PV module)

Max. System Voltage: Up to 1500 VDC (Voc at STC):

With 1/2 cut of mono c-Si cells (Under STC):

AIKO-Axxx-MAH72Dw (xxx=585-625, in steps of 5, 144 cells)

AIKO-Axxx-MAH60Dw (xxx=490-520, in steps of 5, 120 cells)

AIKO-Axxx-MAH54Dw (xxx=440-465, in steps of 5, 108 cells)

AIKO-Axxx-MAH72Db (xxx=585-620, in steps of 5, 144 cells)

AIKO-Axxx-MAH60Db (xxx=490-515, in steps of 5, 120 cells)

AIKO-Axxx-MAH54Db (xxx=440-465, in steps of 5, 108 cells)

AIKO-Gxxx-MCH72Dw (xxx=610-650, in steps of 5, 144 cells)

AIKO-Gxxx-MCH54Dw (xxx=460-485, in steps of 5, 108 cells)

With 1/2 cut of mono c-Si cells (Under BNPI):

AIKO-Axxx-MAH72Dw (xxx=615-655, in steps of 5, 144 cells)

AIKO-Axxx-MAH60Dw (xxx=515-545, in steps of 5, 120 cells)

AIKO-Axxx-MAH54Dw (xxx=460-485, in steps of 5, 108 cells)

AIKO-Axxx-MAH72Db (xxx=615-650, in steps of 5, 144 cells)

AIKO-Axxx-MAH60Db (xxx=515-540, in steps of 5, 120 cells)

AIKO-Axxx-MAH54Db (xxx=460-485, in steps of 5, 108 cells)

AIKO-Gxxx-MCH72Dw (xxx=665-705, in steps of 5, 144 cells)

xxx represents output power in Wp

Description of

Object:

Rated Input: 45.01VDC, 14.11A, 635W max

Tested

according to:

EN IEC 61000-6-1:2019

EN IEC 61000-6-3:2021

EN IEC 61000-6-2:2019

EN IEC 61000-6-4:2019

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