

Zertifikat *Certificate*

Zertifikatsnummer Certificate No.:

PV 50614580 0001

Berichtsnummer Report No.:

CN23V2DZ 001

Genehmigungsinhaber License Holder:

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

Fertigungsstätte Manufacturing Site:

2 Fertigungsstätten auf Folgeseiten
Listing of 2 factories on following pages

Prüfzeichen Test Mark:

Geprüft nach Tested according to:

IEC 61215-1:2021
IEC 61215-1-1:2021
IEC 61215-2:2021
IEC 61730-1:2016
IEC 61730-2:2016
EN IEC 61215-1:2021
EN IEC 61215-1-1:2021
EN IEC 61215-2:2021
EN IEC 61730-1:2018
EN IEC 61730-2:2018

Geräteidentifikation
Product Identification
Produkt:

PV Module

Product:
Modell:

Modelle sind auf nächste(r) Seite(n) gelistet

Type:

Type designation(s) are listed on the next page(s)

Technische Daten:

Class II acc. to IEC 61140

Technical Data:

For other ratings, refer to the test report

Gültig bis:

2029-01-04

Date of expiry:
Gültig ab:

2024-01-05

Valid from:
Zertifizierungsstelle:
Certification body:

Angela Yao



Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.
This certificate is based on our Testing and Certification Regulation. The product fulfills above mentioned requirements, the production is subject to surveillance.

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg

<http://www.tuv.com/safety> E-mail: markcheck@tuv.com

Fax: +49 221 806-3935

www.tuv.com

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Zertifikat *Certificate*

Zertifikatsnummer *Certificate No.:*

PV 50614580 0001

Berichtsnummer *Report No.:*

CN23V2DZ 001

Produkt *Product:* PV Module

Modell *Type:*
Bezeichnung *Designation:*

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

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

AIKO-Pxxx-MAH72Mw (xxx=525-560, in steps of 5, 144 cells)

AIKO-Pxxx-MAH60Mw (xxx=440-465, in steps of 5, 120 cells)

AIKO-Pxxx-MAH54Mw (xxx=395-420, in steps of 5, 108 cells)

AIKO-Pxxx-MAH72Mb (xxx=525-560, in steps of 5, 144 cells)

AIKO-Pxxx-MAH60Mb (xxx=440-465, in steps of 5, 120 cells)

AIKO-Pxxx-MAH54Mb (xxx=395-420, in steps of 5, 108 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-Bxxx-MAH72Mw (xxx=540-580, in steps of 5, 144 cells)

AIKO-Bxxx-MAH60Mw (xxx=450-480, in steps of 5, 120 cells)

AIKO-Bxxx-MAH54Mw (xxx=405-435, in steps of 5, 108 cells)

AIKO-Bxxx-MAH72Mb (xxx=540-580, in steps of 5, 144 cells)

AIKO-Bxxx-MAH60Mb (xxx=450-480, in steps of 5, 120 cells)

AIKO-Bxxx-MAH54Mb (xxx=405-435, 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)

xxx represents output power in Wp

Remarks:

Class II acc. to IEC 61140

Fire Rating: Class C (according to UL 790)

Design Load / Safety Factors: 3600 Pa / 1.5 (downward)

1600 Pa / 1.5 (upward)

Conditions:

The product test is voluntarily according to technical regulations. Any change of the design, materials, components or processing may require the repetition of some of the qualification tests in order to retain type approval.



Zertifikat *Certificate*

Zertifikatsnummer *Certificate No.:*
PV 50614580 0001

Berichtsnummer *Report No.:*
CN23V2DZ 001

Produkt *Product:*
PV Module

Fertigungsstätten *Factories:*

- 1 Guangdong Aiko Solar Technology
Co., Ltd.
No.3, South Qili Avenue, Leping Town,
Sanshui District, Foshan,
528137 Guangdong
P.R. China
- 2 Zhuhai Fushan Aiko Solar Technology
Co., Ltd.
No.681, Fuguo Road, Doumen District,
Zhuhai
519175 Guangdong
P.R. China



Zertifikat *Certificate*

Zertifikatsnummer Certificate No.:

PV 50614580 0002

Berichtsnummer Report No.:

CN23V2DZ 002

Genehmigungsinhaber License Holder:

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

Fertigungsstätte Manufacturing Site:

3 Fertigungsstätten auf Folgeseiten
Listing of 3 factories on following pages

Prüfzeichen Test Mark:

Geprüft nach Tested according to:

IEC 61215-1:2021
IEC 61215-1-1:2021
IEC 61215-2:2021
IEC 61730-1:2023
IEC 61730-2:2023
EN IEC 61215-1:2021
EN IEC 61215-1-1:2021
EN IEC 61215-2:2021
EN IEC 61730-1:2018
EN IEC 61730-2:2018

Geräteidentifikation
Product Identification
Produkt:

PV Module

Product:
Modell:

Modelle sind auf nächste(r) Seite(n) gelistet

Type:

Type designation(s) are listed on the next page(s)

Technische Daten:

Class II acc. to IEC 61140

Technical Data:

For other ratings, refer to the test report

Gültig bis:

2029-01-04

Date of expiry:
Gültig ab:

2024-01-26

Valid from:
Zertifizierungsstelle:
Certification body:

Angela Yao



Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.
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TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg

<http://www.tuv.com/safety> E-mail: markcheck@tuv.com

Fax: +49 221 806-3935

www.tuv.com

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Zertifikat *Certificate*

Zertifikatsnummer *Certificate No.:*

PV 50614580 0002

Berichtsnummer *Report No.:*

CN23V2DZ 002

Produkt *Product:* PV Module

Modell *Type:*

Bezeichnung *Designation:*

Same as Page 0001

In addition:

Type Designation:

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)

xxx represents output power in Wp



Zertifikat *Certificate*

Zertifikatsnummer *Certificate No.:*
PV 50614580 0002

Berichtsnummer *Report No.:*
CN23V2DZ 002

Produkt *Product:*
PV Module

Fertigungsstätten *Factories:*

- 1 Guangdong Aiko Solar Technology Co., Ltd.
No.3, South Qili Avenue, Leping Town,
Sanshui District, Foshan,
528137 Guangdong
P.R. China
- 2 Zhuhai Fushan Aiko Solar Technology Co., Ltd.
No.681, Fuguo Road, Doumen District,
Zhuhai
519175 Guangdong
P.R. China
- 3 Zhejiang Aiko Solar Technology Co., Ltd.
No.888, Longqi Road, Suxi Town,
Yiwu
322009 Zhejiang
P.R. China



Zertifikat *Certificate*

Zertifikatsnummer Certificate No.:

PV 50614580 0003

Berichtsnummer Report No.:

CN23V2DZ 005

Genehmigungsinhaber License Holder:

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

Fertigungsstätte Manufacturing Site:

3 Fertigungsstätten auf Folgeseiten
Listing of 3 factories on following pages

Prüfzeichen Test Mark:

Geprüft nach Tested according to:

IEC 61215-1:2021
IEC 61215-1-1:2021
IEC 61215-2:2021
IEC 61730-1:2023
IEC 61730-2:2023
EN IEC 61215-1:2021
EN IEC 61215-1-1:2021
EN IEC 61215-2:2021
EN IEC 61730-1:2018
EN IEC 61730-2:2018

Geräteidentifikation
Product Identification
Produkt: PV Module

Product:
Modell: Modelle sind auf nächste(r) Seite(n) gelistet
Type: *Type designation(s) are listed on the next page(s)*
Technische Daten: Class II acc. to IEC 61140
Technical Data: For other ratings, refer to the test report.

Gültig bis: 2029-01-04
Date of expiry:
Gültig ab: 2024-06-03
Valid from:
Ausstellungsdatum: 2024-06-03
Date of issue:
Zertifizierungsstelle:
Certification body:

Angela Yao



Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.
This certificate is based on our Testing and Certification Regulation. The product fulfills above mentioned requirements, the production is subject to surveillance.

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg
<http://www.tuv.com/safety> E-mail: markcheck@tuv.com

Fax: +49 221 806-3935

www.tuv.com

Zertifikat *Certificate*

Zertifikatsnummer *Certificate No.:*

PV 50614580 0003

Berichtsnummer *Report No.:*

CN23V2DZ 005

Produkt *Product:* PV Module

Modell *Type:*

Bezeichnung *Designation:*

Same as Page 0001-0002

In addition:

Type Designation:

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

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

AIKO-Gxxx-MCH60Mw (xxx=500-550, in steps of 5, 120 cells)

Power range extension for following models:

AIKO-Axxx-MAH72Mw (xxx=630,635, in steps of 5, 144 cells)

AIKO-Axxx-MAH60Mw (xxx=525, in steps of 5, 120 cells)

AIKO-Axxx-MAH54Mw (xxx=470,475, in steps of 5, 108 cells)

AIKO-Axxx-MAH72Mb (xxx=620,625, in steps of 5, 144 cells)

AIKO-Axxx-MAH60Mb (xxx=515,520, in steps of 5, 120 cells)

AIKO-Axxx-MAH54Mb (xxx=465,470, in steps of 5, 108 cells)

xxx represents output power in Wp



Zertifikat *Certificate*

Zertifikatsnummer *Certificate No.:*
PV 50614580 0003

Berichtsnummer *Report No.:*
CN23V2DZ 005

Produkt *Product:*
PV Module

Fertigungsstätten *Factories:*

- 1 Guangdong Aiko Solar Technology Co., Ltd.
No.3,South Qili Avenue,Leping Town,
Sanshui District,Foshan,
528137 Guangdong
P.R. China
- 2 Zhuhai Fushan Aiko Solar Technology Co., Ltd.
No.681, Fuguo Road, Doumen District,
Zhuhai
519175 Guangdong
P.R. China
- 3 Zhejiang Aiko Solar Technology Co., Ltd.
No.888, Longqi Road, Suxi Town,
Yiwu
322009 Zhejiang
P.R. China



Zertifikat *Certificate*

Zertifikatsnummer *Certificate No.:*

PV 50614580 0004

Berichtsnummer *Report No.:*

CN23V2DZ 011

Genehmigungsinhaber *License Holder:*

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

Fertigungsstätte *Manufacturing Site:*

3 Fertigungsstätten auf Folgeseiten
Listing of 3 factories on following pages

Prüfzeichen *Test Mark:*

Geprüft nach *Tested according to:*

IEC 61215-1:2021
IEC 61215-1-1:2021
IEC 61215-2:2021
IEC 61730-1:2023
IEC 61730-2:2023
EN IEC 61215-1:2021
EN IEC 61215-1-1:2021
EN IEC 61215-2:2021
EN IEC 61730-1:2018
EN IEC 61730-2:2018

Geräteidentifikation
Product Identification
Produkt: PV Module

Product:
Modell: Modelle sind auf nächste(r) Seite(n) gelistet
Type: *Type designation(s) are listed on the next page(s)*
Technische Daten: Class II acc. to IEC 61140
Technical Data: For other ratings, refer to the test report.

Gültig bis: 2029-01-04
Date of expiry:
Gültig ab: 2024-12-30
Valid from:
Ausstellungsdatum: 2024-12-30
Date of issue:
Zertifizierungsstelle:
Certification body:

Angela Yao



Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.
This certificate is based on our Testing and Certification Regulation. The product fulfills above mentioned requirements, the production is subject to surveillance.

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg
<http://www.tuv.com/safety> E-mail: markcheck@tuv.com

Fax: +49 221 806-3935

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Zertifikat *Certificate*

Zertifikatsnummer *Certificate No.:*

PV 50614580 0004

Berichtsnummer *Report No.:*

CN23V2DZ 011

Produkt *Product:* PV Module

Modell *Type:*

Bezeichnung *Designation:*

Same as Page 0001-0003

In addition:

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

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

AIKO-Axxx-MAE72Mw (xxx=580-630, in steps of 5, 144 cells)

AIKO-Axxx-MAE60Mw (xxx=485-525, in steps of 5, 120 cells)

AIKO-Axxx-MAE72Mb (xxx=580-630, in steps of 5, 144 cells)

AIKO-Axxx-MAE60Mb (xxx=485-525, in steps of 5, 120 cells)

AIKO-Axxx-MCE60Mw (xxx=485-535, in steps of 5, 120 cells)

AIKO-Axxx-MCE54Mw (xxx=440-480, in steps of 5, 108 cells)

AIKO-Axxx-MCE60Mb (xxx=485-535, in steps of 5, 120 cells)

AIKO-Axxx-MCE54Mb (xxx=440-480, in steps of 5, 108 cells)

AIKO-Axxx-MDE72Mw (xxx=615-665, in steps of 5, 144 cells)

AIKO-Axxx-MDE60Mw (xxx=515-550, in steps of 5, 120 cells)

AIKO-Axxx-MDE54Mw (xxx=465-495, in steps of 5, 108 cells)

xxx represents output power in Wp



Zertifikat *Certificate*

Zertifikatsnummer *Certificate No.:*
PV 50614580 0004

Berichtsnummer *Report No.:*
CN23V2DZ 011

Produkt *Product:*
PV Module

Fertigungsstätten *Factories:*

- 1 Guangdong Aiko Solar Technology Co., Ltd.
No.3,South Qili Avenue,Leping Town,
Sanshui District,Foshan,
528137 Guangdong
P.R. China
- 2 Zhuhai Fushan Aiko Solar Technology Co., Ltd.
No.681, Fuguo Road, Doumen District,
Zhuhai
519175 Guangdong
P.R. China
- 3 Zhejiang Aiko Solar Technology Co., Ltd.
No.888, Longqi Road, Suxi Town,
Yiwu
322009 Zhejiang
P.R. China



Zertifikat *Certificate*

Zertifikatsnummer Certificate No.:

PV 50614580 0005

Berichtsnummer Report No.:

CN23V2DZ 013

Genehmigungsinhaber License Holder:

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

Fertigungsstätte Manufacturing Site:

3 Fertigungsstätten auf Folgeseiten
Listing of 3 factories on following pages

Prüfzeichen Test Mark:

Geprüft nach Tested according to:

IEC 61215-1:2021
IEC 61215-1-1:2021
IEC 61215-2:2021
IEC 61730-1:2023
IEC 61730-2:2023
EN IEC 61215-1:2021
EN IEC 61215-1-1:2021
EN IEC 61215-2:2021
EN IEC 61730-1:2018
EN IEC 61730-2:2018

Geräteidentifikation
Product Identification
Produkt: PV Module

Product:
Modell: Modelle sind auf nächste(r) Seite(n) gelistet
Type: *Type designation(s) are listed on the next page(s)*
Technische Daten: Class II acc. to IEC 61140
Technical Data: For other ratings, refer to the test report.

Gültig bis: 2029-01-04
Date of expiry:
Gültig ab: 2025-01-21
Valid from:
Ausstellungsdatum: 2025-01-21
Date of issue:
Zertifizierungsstelle:
Certification body:


Dipl.-Ing. (FH) Fan He

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.
 Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.
This certificate is based on our Testing and Certification Regulation. The product fulfills above mentioned requirements, the production is subject to surveillance.

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg
<http://www.tuv.com/safety> E-mail: markcheck@tuv.com

Fax: +49 221 806-3935

Zertifikat *Certificate*

Zertifikatsnummer *Certificate No.:*

PV 50614580 0005

Berichtsnummer *Report No.:*

CN23V2DZ 013

Produkt *Product:* PV Module

Modell *Type:*

Bezeichnung *Designation:*

Same as Page 0001-0004

In addition:

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

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

AIKO-Axxx-MAH32Mw (xxx=245-280, in steps of 5, 64 cells)

AIKO-Axxx-MAH16Mw (xxx=125-140, in steps of 5, 32 cells)

xxx represents output power in Wp

Remarks:

Safety Factors: 1.5

Design Load (Refer to test report for details of corresponding materials and installation methods):

1600 Pa (downward) / 1600 Pa (upward)



Zertifikat *Certificate*

Zertifikatsnummer *Certificate No.:*

PV 50614580 0005

Berichtsnummer *Report No.:*

CN23V2DZ 013

Produkt *Product:*

PV Module

Fertigungsstätten *Factories:*

-
- 1 Guangdong Aiko Solar Technology Co., Ltd.
No.3, South Qili Avenue, Leping Town,
Sanshui District, Foshan,
528137 Guangdong
P.R. China
 - 2 Zhuhai Fushan Aiko Solar Technology Co., Ltd.
No.681, Fuguo Road, Doumen District,
Zhuhai
519175 Guangdong
P.R. China
 - 3 Zhejiang Aiko Solar Technology Co., Ltd.
No.888, Longqi Road, Suxi Town,
Yiwu
322009 Zhejiang
P.R. China



Zertifikat *Certificate*

Zertifikatsnummer Certificate No.:

PV 50614580 0006

Berichtsnummer Report No.:

CN23V2DZ 017

Genehmigungsinhaber License Holder:

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

Fertigungsstätte Manufacturing Site:

4 Fertigungsstätten auf Folgeseiten
Listing of 4 factories on following pages

Prüfzeichen Test Mark:

Geprüft nach Tested according to:

IEC 61215-1:2021
IEC 61215-1-1:2021
IEC 61215-2:2021
IEC 61730-1:2023
IEC 61730-2:2023
EN IEC 61215-1:2021
EN IEC 61215-1-1:2021
EN IEC 61215-2:2021
EN IEC 61730-1:2018
EN IEC 61730-2:2018

Geräteidentifikation
Product Identification
Produkt: PV Module

Product:
Modell: Modelle sind auf nächste(r) Seite(n) gelistet
Type: *Type designation(s) are listed on the next page(s)*
Technische Daten: Class II acc. to IEC 61140
Technical Data: For other ratings, refer to the test report.

Gültig bis: 2029-01-04
Date of expiry:
Gültig ab: 2025-04-02
Valid from:
Ausstellungsdatum: 2025-04-02
Date of issue:
Zertifizierungsstelle:
Certification body:

Angela Yao



Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.
This certificate is based on our Testing and Certification Regulation. The product fulfills above mentioned requirements, the production is subject to surveillance.

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg
<http://www.tuv.com/safety> E-mail: markcheck@tuv.com

Fax: +49 221 806-3935

Zertifikat *Certificate*

Zertifikatsnummer *Certificate No.:*

PV 50614580 0006

Berichtsnummer *Report No.:*

CN23V2DZ 017

Produkt *Product:* PV Module**Modell** *Type:***Bezeichnung** *Designation:*

Same as Page 0001-0005

Power range extension for following models:

AIKO-Axxx-MCE60Mw (xxx=540-555, in steps of 5, 120 cells)

AIKO-Axxx-MCE54Mw (xxx=485-500, in steps of 5, 108 cells)

AIKO-Axxx-MCE60Mb (xxx=540-550, in steps of 5, 120 cells)

AIKO-Axxx-MCE54Mb (xxx=485-495, in steps of 5, 108 cells)

xxx represents output power in Wp

Remarks:

- Manufacturing site update: see page 3.



Zertifikat *Certificate*

Zertifikatsnummer *Certificate No.:*

PV 50614580 0006

Berichtsnummer *Report No.:*

CN23V2DZ 017

Produkt *Product:*

PV Module

Fertigungsstätten *Factories:*

- 1 Guangdong Aiko Solar Technology Co., Ltd.
No.3, South Qili Avenue, Leping Town,
Sanshui District, Foshan,
528137 Guangdong
P.R. China
- 2 Zhuhai Fushan Aiko Solar Technology Co., Ltd.
No.681, Fuguo Road, Doumen District,
Zhuhai
519175 Guangdong
P.R. China
- 3 Zhejiang Aiko Solar Technology Co., Ltd.
No.888, Longqi Road, Suxi Town,
Yiwu
322009 Zhejiang
P.R. China
- 4 Shandong Aiko Solar Technology Co., Ltd.
No.168, Zhongxing Avenue, Sungeng Street, Start-up District,
Jinan
250000 Shandong
P.R. China

