Zertifikat *Certificate*

Zertifikatsnummer *Certificate No.:*
PV 50614584 0001

Berichtsnummer *Report No.:*
CN23JWNO 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: *Product:* PV Module

Modell: *Type:* Modelle sind auf nächste(r) Seite(n) gelistet
Type designation(s) are listed on the next page(s)

Technische Daten: *Technical Data:*
Class II acc. to IEC 61140
For other ratings, refer to the test report

Gültig bis: *Date of expiry:* 2029-01-04

Gültig ab: *Valid from:* 2024-01-05

Ausstellungsdatum: *Date of issue:* 2024-01-05

Zertifizierungsstelle: *Certification body:*

TÜV Rheinland LGA Products GmbH
TÜVRheinland
Zertifizierungsstelle

Angela Yao

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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 50614584 0001

Berichtsnummer *Report No.:*
CN23JWNO 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 (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)
AIKO-Gxxx-MCH54Dw (xxx=500-525, 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.

TÜV Rheinland LGA Products GmbH
TÜVRheinland
Zertifizierungsstelle

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Zertifikat *Certificate*

Zertifikatsnummer *Certificate No.:*
PV 50614584 0001

Berichtsnummer *Report No.:*
CN23JWNO 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

TÜV Rheinland LGA Products GmbH TÜVRheinland Zertifizierungsstelle

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Zertifikat *Certificate*

Zertifikatsnummer *Certificate No.:*
PV 50614584 0002

Berichtsnummer *Report No.:*
CN23JWNO 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: *Product:* PV Module

Modell: *Type:* Modelle sind auf nächste(r) Seite(n) gelistet
Type designation(s) are listed on the next page(s)

Technische Daten: *Technical Data:*
Class II acc. to IEC 61140
For other ratings, refer to the test report

Gültig bis: *Date of expiry:* 2029-01-04

Gültig ab: *Valid from:* 2024-01-26

Ausstellungsdatum: *Date of issue:* 2024-01-26

Zertifizierungsstelle: *Certification body:*

TÜV Rheinland LGA Products GmbH
TÜVRheinland
Zertifizierungsstelle

Angela Yao

® TÜV, TUEV and TUV are registered trademarks. Utilisatio n and applic ation requires prior approval.

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 50614584 0002

Berichtsnummer *Report No.:*
CN23JWNO 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 (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)
AIKO-Gxxx-MCH54Dw (xxx=500-525, in steps of 5, 108 cells)
xxx represents output power in Wp



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Zertifikat *Certificate*

Zertifikatsnummer *Certificate No.:*
PV 50614584 0002

Berichtsnummer *Report No.:*
CN23JWNO 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

TÜV Rheinland LGA Products GmbH TÜVRheinland Zertifizierungsstelle

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Zertifikat *Certificate*

Zertifikatsnummer *Certificate No.:*
PV 50614584 0003

Berichtsnummer *Report No.:*
CN23JWNO 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: *Product:* PV Module

Modell: *Type:* Modelle sind auf nächste(r) Seite(n) gelistet
Type designation(s) are listed on the next page(s)

Technische Daten: *Technical Data:*
Class II acc. to IEC 61140
For other ratings, refer to the test report

Gültig bis: *Date of expiry:* 2029-01-04

Gültig ab: *Valid from:* 2024-05-15

Ausstellungsdatum: *Date of issue:* 2024-05-15

Zertifizierungsstelle: *Certification body:*

TÜV Rheinland LGA Products GmbH
TÜVRheinland
Zertifizierungsstelle

Dipl.-Ing. (FH) Fan He

® TÜV, TUEV and TUV are registered trademarks. Utilisation and application requires prior approval.

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 50614584 0003

Berichtsnummer *Report No.:*
CN23JWNO 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 (Under STC):
AIKO-Axxx-MAH78Dw (xxx=650-685, in steps of 5, 156 cells)
AIKO-Gxxx-MCH60Dw (xxx=500-540, in steps of 5, 120 cells)
With 1/2 cut of mono c-Si cells (Under BNPI):
AIKO-Axxx-MAH78Dw (xxx=690-725, in steps of 5, 156 cells)
AIKO-Gxxx-MCH60Dw (xxx=545-585, in steps of 5, 120 cells)
Power range extension for following models:
With 1/2 cut of mono c-Si cells (Under STC):
AIKO-Axxx-MAH72Dw (xxx=630, in steps of 5, 144 cells)
AIKO-Axxx-MAH60Dw (xxx=525, in steps of 5, 120 cells)
AIKO-Axxx-MAH54Dw (xxx=470, in steps of 5, 108 cells)
With 1/2 cut of mono c-Si cells (Under BNPI):
AIKO-Axxx-MAH72Dw (xxx=660, in steps of 5, 144 cells)
AIKO-Axxx-MAH60Dw (xxx=550, in steps of 5, 120 cells)
AIKO-Axxx-MAH54Dw (xxx=490, in steps of 5, 108 cells)
xxx represents output power in Wp

TÜV Rheinland LGA Products GmbH
TÜVRheinland
Zertifizierungsstelle

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Zertifikat *Certificate*

Zertifikatsnummer *Certificate No.:*
PV 50614584 0003

Berichtsnummer *Report No.:*
CN23JWNO 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

TÜV Rheinland LGA Products GmbH TÜVRheinland Zertifizierungsstelle

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Zertifikat *Certificate*

Zertifikatsnummer *Certificate No.:*
PV 50614584 0004

Berichtsnummer *Report No.:*
CN23JWNO 007

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: *Product:* PV Module

Modell: *Type:* Modelle sind auf nächste(r) Seite(n) gelistet
Type designation(s) are listed on the next page(s)

Technische Daten: *Technical Data:*
Class II acc. to IEC 61140
For other ratings, refer to the test report

Gültig bis: *Date of expiry:* 2029-01-04

Gültig ab: *Valid from:* 2024-07-18

Ausstellungsdatum: *Date of issue:* 2024-07-18

Zertifizierungsstelle: *Certification body:*

TÜV Rheinland LGA Products GmbH
TÜVRheinland
Zertifizierungsstelle

Dipl.-Ing. (FH) Fan He

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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 50614584 0004

Berichtsnummer *Report No.:*
CN23JWNO 007

Produkt *Product:* PV Module

Modell *Type:*

Bezeichnung *Designation:*
Same as Page 0001-0003

In addition:
Type Designation:
Max. System Voltage: Up to 1500 VDC (Voc at STC):
With 1/2 cut of mono c-Si cells (Under STC):
AIKO-Gxxx-MCH72Dw (xxx=655, in steps of 5, 144 cells)
AIKO-Gxxx-MCH60Dw (xxx=545, in steps of 5, 120 cells)
AIKO-Gxxx-MCH54Dw (xxx=490, in steps of 5, 108 cells)
With 1/2 cut of mono c-Si cells (Under BNPI):
AIKO-Gxxx-MCH72Dw (xxx=710, in steps of 5, 144 cells)
AIKO-Gxxx-MCH60Dw (xxx=590, in steps of 5, 120 cells)
AIKO-Gxxx-MCH54Dw (xxx=530, in steps of 5, 108 cells)
xxx represents output power in Wp

Remarks:
Some of the materials have been verified to Fire Class A (according to UL 790), refer to the test report for applicable models and more information.

TÜV Rheinland LGA Products GmbH
TÜVRheinland
Zertifizierungsstelle

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Zertifikat *Certificate*

Zertifikatsnummer *Certificate No.:*
PV 50614584 0004

Berichtsnummer *Report No.:*
CN23JWNO 007

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

TÜV Rheinland LGA Products GmbH
TÜVRheinland
Zertifizierungsstelle

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Zertifikat *Certificate*

Zertifikatsnummer *Certificate No.:*
PV 50614584 0005

Berichtsnummer *Report No.:*
CN23JWNO 008

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: *Product:* PV Module

Modell: *Type:* Modelle sind auf nächste(r) Seite(n) gelistet
Type designation(s) are listed on the next page(s)

Technische Daten: *Technical Data:*
Class II acc. to IEC 61140
For other ratings, refer to the test report

Gültig bis: *Date of expiry:* 2029-01-04

Gültig ab: *Valid from:* 2024-09-03

Ausstellungsdatum: *Date of issue:* 2024-09-03

Zertifizierungsstelle: *Certification body:*

TÜV Rheinland LGA Products GmbH
TÜVRheinland
Zertifizierungsstelle

Angela Yao

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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 50614584 0005

Berichtsnummer *Report No.:*
CN23JWNO 008

Produkt *Product:* PV Module

Modell *Type:*

Bezeichnung *Designation:*
Same as Page 0001-0004

In addition:
Type Designation:
Max. System Voltage: Up to 1500 VDC (Voc at STC):
With 1/2 cut of mono c-Si cells (Under STC):
AIKO-Axxx-MAE78Dw (xxx=650-685, in steps of 5, 156 cells)
AIKO-Axxx-MAE72Dw (xxx=600-630, in steps of 5, 144 cells)
AIKO-Axxx-MAE60Dw (xxx=500-525, in steps of 5, 120 cells)
AIKO-Axxx-GRH66Dw (xxx=610-660, in steps of 5, 132 cells)
With 1/2 cut of mono c-Si cells (Under BNPI):
AIKO-Axxx-MAE78Dw (xxx=685-720, in steps of 5, 156 cells)
AIKO-Axxx-MAE72Dw (xxx=630-660, in steps of 5, 144 cells)
AIKO-Axxx-MAE60Dw (xxx=525-550, in steps of 5, 120 cells)
AIKO-Axxx-GRH66Dw (xxx=660-710, in steps of 5, 132 cells)
xxx represents output power in Wp

TÜV Rheinland LGA Products GmbH
TÜVRheinland
Zertifizierungsstelle

® TÜV, TUEV and TUV are registered trademarks. Utilisatio n and applic ation requires prior approval.

Zertifikat *Certificate*

Zertifikatsnummer *Certificate No.:*
PV 50614584 0005

Berichtsnummer *Report No.:*
CN23JWNO 008

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

TÜV Rheinland LGA Products GmbH TÜVRheinland Zertifizierungsstelle

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Zertifikat *Certificate*

Zertifikatsnummer *Certificate No.:*
PV 50614584 0006

Berichtsnummer *Report No.:*
CN23JWNO 012

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: *Product:* PV Module

Modell: *Type:* Modelle sind auf nächste(r) Seite(n) gelistet
Type designation(s) are listed on the next page(s)

Technische Daten: *Technical Data:*
Class II acc. to IEC 61140
For other ratings, refer to the test report

Gültig bis: *Date of expiry:* 2029-01-04

Gültig ab: *Valid from:* 2024-12-30

Ausstellungsdatum: *Date of issue:* 2024-12-30

Zertifizierungsstelle: *Certification body:*

TÜV Rheinland LGA Products GmbH
TÜVRheinland
Zertifizierungsstelle

Angela Yao

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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 50614584 0006

Berichtsnummer *Report No.:*
CN23JWNO 012

Produkt *Product:* PV Module

Modell *Type:*

Bezeichnung *Designation:*

Same as Page 0001-0005
In addition:
Max. System Voltage: up to 1500 VDC (Voc at STC):
With 1/2 cut of mono c-Si cells (Under STC):
AIKO-Axxx-MCE60Dw (xxx=490-540, in steps of 5, 120 cells)
AIKO-Axxx-MCE54Dw (xxx=445-485, in steps of 5, 108 cells)
AIKO-Axxx-MCE60Db (xxx=490-530, in steps of 5, 120 cells)
AIKO-Axxx-MCE54Db (xxx=445-475, in steps of 5, 108 cells)
AIKO-Axxx-MDE72Dw (xxx=610-660, in steps of 5, 144 cells)
AIKO-Axxx-MDE60Dw (xxx=510-550, in steps of 5, 120 cells)
AIKO-Axxx-MDE54Dw (xxx=460-495, in steps of 5, 108 cells)
With 1/2 cut of mono c-Si cells (Under BNPI):
AIKO-Axxx-MCE60Dw (xxx=520-570, in steps of 5, 120 cells)
AIKO-Axxx-MCE54Dw (xxx=470-510, in steps of 5, 108 cells)
AIKO-Axxx-MCE60Db (xxx=520-560, in steps of 5, 120 cells)
AIKO-Axxx-MCE54Db (xxx=470-500, in steps of 5, 108 cells)
AIKO-Axxx-MDE72Dw (xxx=645-695, in steps of 5, 144 cells)
AIKO-Axxx-MDE60Dw (xxx=540-580, in steps of 5, 120 cells)
AIKO-Axxx-MDE54Dw (xxx=485-520, in steps of 5, 108 cells)
xxx represents output power in Wp

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TÜVRheinland
Zertifizierungsstelle

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Zertifikat *Certificate*

Zertifikatsnummer *Certificate No.:*
PV 50614584 0006

Berichtsnummer *Report No.:*
CN23JWNO 012

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

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TÜVRheinland
Zertifizierungsstelle

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Zertifikat *Certificate*

Zertifikatsnummer *Certificate No.:*
PV 50614584 0007

Berichtsnummer *Report No.:*
CN23JWNO 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: *Product:* PV Module

Modell: *Type:* Modelle sind auf nächste(r) Seite(n) gelistet
Type designation(s) are listed on the next page(s)

Technische Daten: *Technical Data:*
Class II acc. to IEC 61140
For other ratings, refer to the test report

Gültig bis: *Date of expiry:* 2029-01-04

Gültig ab: *Valid from:* 2025-04-02

Ausstellungsdatum: *Date of issue:* 2025-04-02

Zertifizierungsstelle: *Certification body:*

TÜV Rheinland LGA Products GmbH
TÜVRheinland
Zertifizierungsstelle

Angela Yao

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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 50614584 0007

Berichtsnummer *Report No.:*
CN23JWNO 017

Produkt *Product:* PV Module

Modell *Type:*

Bezeichnung *Designation:*
Same as Page 0001-0006
Power range extension for following models:
With 1/2 cut of mono c-Si cells (Under STC):
AIKO-Axxx-MCE54Dw (xxx=490, in steps of 5, 108 cells)
AIKO-Axxx-MCE60Db (xxx=535,540, in steps of 5, 120 cells)
AIKO-Axxx-MCE54Db (xxx=480-490, in steps of 5, 108 cells)
With 1/2 cut of mono c-Si cells (Under BNPI):
AIKO-Axxx-MCE54Dw (xxx=515, in steps of 5, 108 cells)
AIKO-Axxx-MCE60Db (xxx=565,570, in steps of 5, 120 cells)
AIKO-Axxx-MCE54Db (xxx=505-515, in steps of 5, 108 cells)
xxx represents output power in Wp

Remarks:
- Manufacturing site update: see page 3.

TÜV Rheinland LGA Products GmbH
TÜVRheinland
Zertifizierungsstelle

® TÜV, TUEV and TUV are registered trademarks. Utilisatio n and applic ation requires prior approval.

Zertifikat *Certificate*

Zertifikatsnummer *Certificate No.:*
PV 50614584 0007

Berichtsnummer *Report No.:*
CN23JWNO 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

TÜV Rheinland LGA Products GmbH
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Zertifizierungsstelle

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Zertifikat *Certificate*

Zertifikatsnummer *Certificate No.:*
PV 50614584 0008

Berichtsnummer *Report No.:*
CN23JWNO 018

Genehmigungsinhaber *License Holder:*
Zhejiang Aiko Solar Technology
Co., Ltd.
No. 655, Haopai Road, Suxi Town,
Yiwu,
322009 Zhejiang
P.R. China

Fertigungsstätte *Manufacturing Site:*
7 Fertigungsstätten auf Folgeseiten
Listing of 7 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: *Product:* PV Module

Modell: *Type:* Modelle sind auf nächste(r) Seite(n) gelistet
Type designation(s) are listed on the next page(s)

Technische Daten: *Technical Data:*
Class II acc. to IEC 61140
For other ratings, refer to the test report

Gültig bis: *Date of expiry:* 2029-01-04

Gültig ab: *Valid from:* 2025-07-11

Ausstellungsdatum: *Date of issue:* 2025-07-11

Zertifizierungsstelle: *Certification body:*

TÜV Rheinland LGA Products GmbH
TÜVRheinland
Zertifizierungsstelle

Angela Yao

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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 50614584 0008

Berichtsnummer *Report No.:*
CN23JWNO 018

Produkt *Product:* PV Module

Modell *Type:*

Bezeichnung *Designation:*

Same as Page 0001 - 0007
In addition:
Max. System Voltage: up to 1500 VDC (Voc at STC):
With 1/2 cut of mono c-Si cells (Under STC):
AIKO-Axxx-GRH78Dw (xxx=740-790, in steps of 5, 156 cells)
With 1/2 cut of mono c-Si cells (Under BNPI):
AIKO-Axxx-GRH78Dw (xxx=815-865, in steps of 5, 156 cells)
Power range extension for following models:
With 1/2 cut of mono c-Si cells (Under STC):
AIKO-Axxx-MAH54Dw (xxx=475, 108 cells)
AIKO-Axxx-MAH54Db (xxx=470,475, 108 cells)
AIKO-Axxx-GRH66Dw (xxx=665, 132 cells)
With 1/2 cut of mono c-Si cells (Under BNPI):
AIKO-Axxx-MAH54Dw (xxx=495, 108 cells)
AIKO-Axxx-MAH54Dw (xxx=490,495, 108 cells)
AIKO-Axxx-GRH66Dw (xxx=715, 132 cells)
xxx represents output power in Wp

Remarks:
- Manufacturing site update: see page 3 - 4.

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Zertifizierungsstelle

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Zertifikat *Certificate*

Zertifikatsnummer *Certificate No.:*
PV 50614584 0008

Berichtsnummer *Report No.:*
CN23JWNO 018

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

5 Huansheng new energy (Tianjin) Co., Ltd
No. 750, Shenzhou Avenue,
South District of future science and
Technology City, Binhai high tech Zone,
Tianjin
P.R. China

6 Guangzhou Gokin Solar Technology
Co., Ltd.
No.2, Hejin Avenue,
Automobile Industry Base, Huadu District,
Guangzhou City,
510800 Guangdong
P.R. China

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Zertifikat *Certificate*

Zertifikatsnummer *Certificate No.:*
PV 50614584 0008

Berichtsnummer *Report No.:*
CN23JWNO 018

Produkt *Product:*
PV Module

Fertigungsstätten *Factories:*

7 Huayao Green Energy Technology (Lankao County) Co., Ltd.
(State Power Investment Corporation)
SPIC New Energy Industrial Park, Lankao County,
Kaifeng,
Henan
P.R. China

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Zertifikat *Certificate*

Zertifikatsnummer *Certificate No.:*
PV 50614584 0009

Berichtsnummer *Report No.:*
CN23JWNO 025

Genehmigungsinhaber *License Holder:*
Zhejiang Aiko Solar Technology
Co., Ltd.
No. 655, Haopai Road, Suxi Town,
Yiwu,
322009 Zhejiang
P.R. China

Fertigungsstätte *Manufacturing Site:*
7 Fertigungsstätten auf Folgeseiten
Listing of 7 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: *Product:* PV Module

Modell: *Type:* Modelle sind auf nächste(r) Seite(n) gelistet
Type designation(s) are listed on the next page(s)

Technische Daten: *Technical Data:*
Class II acc. to IEC 61140
For other ratings, refer to the test report

Gültig bis: *Date of expiry:* 2029-01-04

Gültig ab: *Valid from:* 2025-10-20

Ausstellungsdatum: *Date of issue:* 2025-10-20

Zertifizierungsstelle: *Certification body:*

TÜV Rheinland LGA Products GmbH Zertifizierungsstelle

Angela Yao

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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.

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http://www.tuv.com/safety E-mail: markcheck@tuv.com
Fax: +49 221 806-3935

Zertifikat *Certificate*

Zertifikatsnummer *Certificate No.:*
PV 50614584 0009

Berichtsnummer *Report No.:*
CN23JWNO 025

Produkt *Product:* PV Module

Modell *Type:*

Bezeichnung *Designation:*

Same as Page 0001 - 0008
Power range extension for following models:
With 1/2 cut of mono c-Si cells (Under STC):
AIKO-Axxx-MCE60Dw (xxx=545-555, in steps of 5, 120 cells)
AIKO-Axxx-MCE54Dw (xxx=495-500, in steps of 5, 108 cells)
AIKO-Axxx-MCE60Db (xxx=545-555, in steps of 5, 120 cells)
AIKO-Axxx-MCE54Db (xxx=495-500, in steps of 5, 108 cells)
AIKO-Axxx-MDE72Dw (xxx=665-675, in steps of 5, 144 cells)
AIKO-Axxx-MDE60Dw (xxx=555-560, in steps of 5, 120 cells)
AIKO-Axxx-MDE54Dw (xxx=500-505, in steps of 5, 108 cells)
With 1/2 cut of mono c-Si cells (Under BNPI):
AIKO-Axxx-MCE60Dw (xxx=575-585, in steps of 5, 120 cells)
AIKO-Axxx-MCE54Dw (xxx=520-525, in steps of 5, 108 cells)
AIKO-Axxx-MCE60Db (xxx=575-585, in steps of 5, 120 cells)
AIKO-Axxx-MCE54Db (xxx=520-525, in steps of 5, 108 cells)
AIKO-Axxx-MDE72Dw (xxx=700-710, in steps of 5, 144 cells)
AIKO-Axxx-MDE60Dw (xxx=585-590, in steps of 5, 120 cells)
AIKO-Axxx-MDE54Dw (xxx=525-530, in steps of 5, 108 cells)
xxx represents output power in Wp

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Zertifizierungsstelle

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Zertifikat *Certificate*

Zertifikatsnummer *Certificate No.:*
PV 50614584 0009

Berichtsnummer *Report No.:*
CN23JWNO 025

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

5 Huansheng new energy (Tianjin) Co., Ltd
No. 750, Shenzhou Avenue,
South District of future science and
Technology City, Binhai high tech Zone,
Tianjin
P.R. China

6 Guangzhou Gokin Solar Technology
Co., Ltd.
No.2, Hejin Avenue,
Automobile Industry Base, Huadu District,
Guangzhou City,
510800 Guangdong
P.R. China

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Zertifikat *Certificate*

Zertifikatsnummer *Certificate No.:*
PV 50614584 0009

Berichtsnummer *Report No.:*
CN23JWNO 025

Produkt *Product:*
PV Module

Fertigungsstätten *Factories:*

7 Huayao Green Energy Technology (Lankao County) Co., Ltd.
(State Power Investment Corporation)
SPIC New Energy Industrial Park, Lankao County,
Kaifeng,
Henan
P.R. China

TÜV Rheinland LGA Products GmbH
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Zertifizierungsstelle

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Zertifikat *Certificate*

Zertifikatsnummer *Certificate No.:*
PV 50614584 0010

Berichtsnummer *Report No.:*
CN23JWNO 029

Genehmigungsinhaber *License Holder:*
Zhejiang Aiko Solar Technology
Co., Ltd.
No. 655, Haopai Road, Suxi Town,
Yiwu,
322009 Zhejiang
P.R. China

Fertigungsstätte *Manufacturing Site:*
8 Fertigungsstätten auf Folgeseiten
Listing of 8 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: *Product:* PV Module

Modell: *Type:* Modelle sind auf nächste(r) Seite(n) gelistet
Type designation(s) are listed on the next page(s)

Technische Daten: *Technical Data:*
Class II acc. to IEC 61140
For other ratings, refer to the test report

Gültig bis: *Date of expiry:* 2029-01-04

Gültig ab: *Valid from:* 2026-01-07

Ausstellungsdatum: *Date of issue:* 2026-01-07

Zertifizierungsstelle: *Certification body:*

TÜV Rheinland LGA Products GmbH
TÜVRheinland
Zertifizierungsstelle

Angela Yao

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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 50614584 0010

Berichtsnummer *Report No.:*
CN23JWNO 029

Produkt *Product:* PV Module

Modell *Type:*

Bezeichnung *Designation:*
Same as Page 0001 - 0009
Power range extension for following models:
With 1/2 cut of mono c-Si cells (Under STC):
AIKO-Axxx-GRH66Dw (xxx=670, 132 cells)
With 1/2 cut of mono c-Si cells (Under BNPI):
AIKO-Axxx-GRH66Dw (xxx=720, 132 cells)
xxx represents output power in Wp

Remarks:
- Manufacturing site update: see page 3-4.

TÜV Rheinland LGA Products GmbH
TÜVRheinland
Zertifizierungsstelle

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Zertifikat *Certificate*

Zertifikatsnummer *Certificate No.:*
PV 50614584 0010

Berichtsnummer *Report No.:*
CN23JWNO 029

Produkt *Product:*
PV Module

Fertigungsstätten *Factories:*

1 Shandong Aiko Solar Technology Co., Ltd.
No.168, Zhongxing Avenue, Sungeng Street, Start-up District,
Jinan
250000 Shandong
P.R. China

2 Huayao Green Energy Technology (Lankao County) Co., Ltd.
(State Power Investment Corporation)
SPIC New Energy Industrial Park, Lankao County,
Kaifeng,
Henan
P.R. China

3 Zhejiang Aiko Solar Technology Co., Ltd.
No.888, Longqi Road, Suxi Town,
Yiwu
322009 Zhejiang
P.R. China

4 Huansheng new energy (Tianjin) Co., Ltd
No. 750, Shenzhou Avenue,
South District of future science and
Technology City, Binhai high tech Zone,
Tianjin
P.R. China

5 Guangzhou Gokin Solar Technology Co., Ltd.
No.2, Hejin Avenue,
Automobile Industry Base, Huadu District,
Guangzhou City,
510800 Guangdong
P.R. China

6 Guangdong Aiko Solar Technology Co., Ltd.
No.3,South Qili Avenue,Leping Town,
Sanshui District,Foshan,
528137 Guangdong
P.R. China

TÜV Rheinland LGA Products GmbH TÜVRheinland Zertifizierungsstelle

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Zertifikat *Certificate*

Zertifikatsnummer *Certificate No.:*
PV 50614584 0010

Berichtsnummer *Report No.:*
CN23JWNO 029

Produkt *Product:*
PV Module

Fertigungsstätten *Factories:*

7 Zhuhai Fushan Aiko Solar Technology
Co., Ltd.
No.681, Fuguo Road, Doumen District,
Zhuhai
519175 Guangdong
P.R. China

8 LONGi Solar Technology (Wuhu) Co., Ltd.
North of Wanxing Road and West of Yudai Road, Shenxiang Area
Wuhu City
241000 Anhui
P.R. China

TÜV Rheinland LGA Products GmbH
TÜVRheinland
Zertifizierungsstelle

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Zertifikat *Certificate*

Zertifikatsnummer *Certificate No.:*
PV 50614584 0011

Berichtsnummer *Report No.:*
CN23JWNO 035

Genehmigungsinhaber *License Holder:*
Zhejiang Aiko Solar Technology
Co., Ltd.
No. 655, Haopai Road, Suxi Town,
Yiwu,
322009 Zhejiang
P.R. China

Fertigungsstätte *Manufacturing Site:*
8 Fertigungsstätten auf Folgeseiten
Listing of 8 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: *Product:* PV Module

Modell: *Type:* Modelle sind auf nächste(r) Seite(n) gelistet
Type designation(s) are listed on the next page(s)

Technische Daten: *Technical Data:*
Class II acc. to IEC 61140
For other ratings, refer to the test report

Gültig bis: *Date of expiry:* 2029-01-04

Gültig ab: *Valid from:* 2026-04-03

Ausstellungsdatum: *Date of issue:* 2026-04-03

Zertifizierungsstelle: *Certification body:*

TÜV Rheinland LGA Products GmbH
TÜVRheinland
Zertifizierungsstelle

Angela Yao

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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 50614584 0011

Berichtsnummer *Report No.:*
CN23JWNO 035

Produkt *Product:* PV Module

Modell *Type:*

Bezeichnung *Designation:*
Same as Page 0001 - 0010
Power range extension for following models:
With 1/2 cut of mono c-Si cells (Under STC):
AIKO-Axxx-GRH78Dw (xxx=795, 156 cells)
With 1/2 cut of mono c-Si cells (Under BNPI):
AIKO-Axxx-GRH78Dw (xxx=870, 156 cells)
xxx represents output power in Wp

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Zertifikat *Certificate*

Zertifikatsnummer *Certificate No.:*
PV 50614584 0011

Berichtsnummer *Report No.:*
CN23JWNO 035

Produkt *Product:*
PV Module

Fertigungsstätten *Factories:*

1 Shandong Aiko Solar Technology Co., Ltd.
No.168, Zhongxing Avenue, Sungeng Street, Start-up District,
Jinan
250000 Shandong
P.R. China

2 Huayao Green Energy Technology (Lankao County) Co., Ltd.
(State Power Investment Corporation)
SPIC New Energy Industrial Park, Lankao County,
Kaifeng,
Henan
P.R. China

3 Zhejiang Aiko Solar Technology Co., Ltd.
No.888, Longqi Road, Suxi Town,
Yiwu
322009 Zhejiang
P.R. China

4 Huansheng new energy (Tianjin) Co., Ltd
No. 750, Shenzhou Avenue,
South District of future science and
Technology City, Binhai high tech Zone,
Tianjin
P.R. China

5 Guangzhou Gokin Solar Technology Co., Ltd.
No.2, Hejin Avenue,
Automobile Industry Base, Huadu District,
Guangzhou City,
510800 Guangdong
P.R. China

6 Guangdong Aiko Solar Technology Co., Ltd.
No.3,South Qili Avenue,Leping Town,
Sanshui District,Foshan,
528137 Guangdong
P.R. China

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Zertifikat *Certificate*

Zertifikatsnummer *Certificate No.:*
PV 50614584 0011

Berichtsnummer *Report No.:*
CN23JWNO 035

Produkt *Product:*
PV Module

Fertigungsstätten *Factories:*

7 Zhuhai Fushan Aiko Solar Technology
Co., Ltd.
No.681, Fuguo Road, Doumen District,
Zhuhai
519175 Guangdong
P.R. China

8 LONGi Solar Technology (Wuhu) Co., Ltd.
North of Wanxing Road and West of Yudai Road, Shenxiang Area
Wuhu City
241000 Anhui
P.R. China

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Zertifizierungsstelle

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Zertifikat *Certificate*

Zertifikatsnummer *Certificate No.:*
PV 50614584 0012

Berichtsnummer *Report No.:*
CN23JWNO 040

Genehmigungsinhaber *License Holder:*
Zhejiang Aiko Solar Technology
Co., Ltd.
No. 655, Haopai Road, Suxi Town,
Yiwu,
322009 Zhejiang
P.R. China

Fertigungsstätte *Manufacturing Site:*
9 Fertigungsstätten auf Folgeseiten
Listing of 9 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: *Product:* PV Module

Modell: *Type:* Modelle sind auf nächste(r) Seite(n) gelistet
Type designation(s) are listed on the next page(s)

Technische Daten: *Technical Data:*
Class II acc. to IEC 61140
For other ratings, refer to the test report

Gültig bis: *Date of expiry:* 2029-01-04

Gültig ab: *Valid from:* 2026-07-29

Ausstellungsdatum: *Date of issue:* 2026-07-29

Zertifizierungsstelle: *Certification body:*

TÜV Rheinland LGA Products GmbH
TÜVRheinland
Zertifizierungsstelle

Angela Yao

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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 50614584 0012

Berichtsnummer *Report No.:*
CN23JWNO 040

Produkt *Product:* PV Module

Modell *Type:*

Bezeichnung *Designation:*
Same as Page 0001 - 0011
In addition:
Max. System Voltage: up to 1500 VDC (Voc at STC):
With 1/2 cut of mono c-Si cells (Under STC):
AIKO-Axxx-GRH48Dw (xxx=465-490, in steps of 5, 96 cells)
With 1/2 cut of mono c-Si cells (Under BNPI):
AIKO-Axxx-GRH48Dw (xxx=500-525, in steps of 5, 96 cells)
xxx represents output power in Wp.

Remarks:
- Manufacturing site update: see page 3 - 4.

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Zertifizierungsstelle

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Zertifikat *Certificate*

Zertifikatsnummer *Certificate No.:*
PV 50614584 0012

Berichtsnummer *Report No.:*
CN23JWNO 040

Produkt *Product:*
PV Module

Fertigungsstätten *Factories:*

1 Ruijing Energy (Beihai) Co., Ltd.
Beihai Tieshan Donggang Industrial Park,
Longgang New District, Longteng Road,
Baisha Town, Hepu County
Beihai
536100 Guangxi
P.R. China

2 Zhejiang Aiko Solar Technology Co., Ltd.
No.888, Longqi Road, Suxi Town,
Yiwu
322009 Zhejiang
P.R. China

3 Zhuhai Fushan Aiko Solar Technology
Co., Ltd.
No.681, Fuguo Road, Doumen District,
Zhuhai
519175 Guangdong
P.R. China

4 Huayao Green Energy Technology (Lankao
County) Co., Ltd.
(State Power Investment Corporation)
SPIC New Energy Industrial Park, Lankao County,
Kaifeng,
Henan
P.R. China

5 Shandong Aiko Solar Technology Co., Ltd.
No.168, Zhongxing Avenue, Sungeng Street, Start-up District,
Jinan
250000 Shandong
P.R. China

6 Guangdong Aiko Solar Technology
Co., Ltd.
No.3,South Qili Avenue,Leping Town,
Sanshui District,Foshan,
528137 Guangdong
P.R. China

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Zertifikat *Certificate*

Zertifikatsnummer *Certificate No.:*
PV 50614584 0012

Berichtsnummer *Report No.:*
CN23JWNO 040

Produkt *Product:*
PV Module

Fertigungsstätten *Factories:*

7 LONGi Solar Technology (Wuhu) Co., Ltd.
North of Wanxing Road and West of Yudai Road, Shenxiang Area
Wuhu City
241000 Anhui
P.R. China

8 Huansheng new energy (Tianjin) Co., Ltd
No. 750, Shenzhou Avenue,
South District of future science and
Technology City, Binhai high tech Zone,
Tianjin
P.R. China

9 Guangzhou Gokin Solar Technology
Co., Ltd.
No.2, Hejin Avenue,
Automobile Industry Base, Huadu District,
Guangzhou City,
510800 Guangdong
P.R. China

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Zertifikat *Certificate*

Zertifikatsnummer *Certificate No.:*
PV 50614584 0013

Berichtsnummer *Report No.:*
CN23JWNO 041

Genehmigungsinhaber *License Holder:*
Zhejiang Aiko Solar Technology
Co., Ltd.
No. 655, Haopai Road, Suxi Town,
Yiwu,
322009 Zhejiang
P.R. China

Fertigungsstätte *Manufacturing Site:*
8 Fertigungsstätten auf Folgeseiten
Listing of 8 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: *Product:* PV Module

Modell: *Type:* Modelle sind auf nächste(r) Seite(n) gelistet
Type designation(s) are listed on the next page(s)

Technische Daten: *Technical Data:*
Class II acc. to IEC 61140
For other ratings, refer to the test report

Gültig bis: *Date of expiry:* 2029-01-04

Gültig ab: *Valid from:* 2026-08-27

Ausstellungsdatum: *Date of issue:* 2026-08-27

Zertifizierungsstelle: *Certification body:*

TÜV Rheinland LGA Products GmbH
TÜVRheinland
Zertifizierungsstelle

Angela Yao

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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

Zertifikat *Certificate*

Zertifikatsnummer *Certificate No.:*
PV 50614584 0013

Berichtsnummer *Report No.:*
CN23JWNO 041

Produkt *Product:* PV Module

Modell *Type:*

Bezeichnung *Designation:*
Same as Page 0001 - 0012
Power range extension for following models:
With 1/2 cut of mono c-Si cells (Under STC):
AIKO-Axxx-GRH66Dw (xxx=675-680, in steps of 5, 132 cells)
With 1/2 cut of mono c-Si cells (Under BNPI):
AIKO-Axxx-GRH66Dw (xxx=725-730, in steps of 5, 132 cells)
xxx represents output power in Wp

Remarks:
Design Load/ Safety Factors:
4000 Pa/ 1.5 (downward)
2000 Pa/ 1.5 (upward)
- Manufacturing site update: see page 3 - 4.

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Zertifizierungsstelle

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Zertifikat *Certificate*

Zertifikatsnummer *Certificate No.:*
PV 50614584 0013

Berichtsnummer *Report No.:*
CN23JWNO 041

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

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250000 Shandong
P.R. China

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No. 750, Shenzhou Avenue,
South District of future science and
Technology City, Binhai high tech Zone,
Tianjin
P.R. China

6 Guangzhou Gokin Solar Technology Co., Ltd.
No.2, Hejin Avenue,
Automobile Industry Base, Huadu District,
Guangzhou City,
510800 Guangdong
P.R. China

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Zertifikat *Certificate*

Zertifikatsnummer *Certificate No.:*
PV 50614584 0013

Berichtsnummer *Report No.:*
CN23JWNO 041

Produkt *Product:*
PV Module

Fertigungsstätten *Factories:*

7 Huayao Green Energy Technology (Lankao County) Co., Ltd.
(State Power Investment Corporation)
SPIC New Energy Industrial Park, Lankao County,
Kaifeng,
Henan
P.R. China

8 Ruijing Energy (Beihai) Co., Ltd.
Beihai Tieshan Donggang Industrial Park,
Longgang New District, Longteng Road,
Baisha Town, Hepu County
Beihai
536100 Guangxi
P.R. China

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