Zertifikat *Certificate*

TÜVRheinland®

Zertifikat Nr. *Certificate No.*	**Blatt** *Sheet*
PV 50586300	0001

Ihr Zeichen *Client Reference*	**Unser Zeichen** *Our Reference*	**Ausstellungsdatum** *Date of Issue*
P.W	01-HUELL-CN23FTQ9 001	22.05.2023 *(day/mo/yr)*

Genehmigungsinhaber *License Holder*

Shenzhen Aiko Digital Energy Technology Co., Ltd.
Room 607,Building B,Tengfei Industrial Building,No.6 Taohua Road
Fubao Community,Fubao Street,Futian District,Shenzhen 518045 Guangdong
P.R. China

Fertigungsstätte *Manufacturing Plant*

Refer to latest revision of the annex list of factories

Prüfzeichen *Test Mark*

TÜVRheinland® CERTIFIED
IEC 61215
IEC 61730
Regular Production Surveillance
www.tuv.com ID 1111269297

Geprüft nach *Tested acc. 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

Zertifiziertes Produkt (Geräteidentifikation) *Certified Product (Product Identification)*

Lizenzentgelte - Einheit *License Fee - Unit*

PV Module

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=585-620, in steps of 5, 144 cells)
AIKO-Axxx-MAH60Dw (xxx=490-515, 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)
With 1/2 cut of mono c-Si cells (Under BNPI):
AIKO-Axxx-MAH72Dw (xxx=615-650, in steps of 5, 144 cells)
AIKO-Axxx-MAH60Dw (xxx=515-540, 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)

Continued on Page 0002

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.

Zertifizierungsstelle

TÜV Rheinland LGA Products GmbH TÜVRheinland® III

Dipl.-Ing. (FH) Tim Kirschner

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*

TÜVRheinland®

Zertifikat Nr. *Certificate No.*	**Blatt** *Sheet*
PV 50586300	0002

Ihr Zeichen *Client Reference*	**Unser Zeichen** *Our Reference*	**Ausstellungsdatum**	*Date of Issue*
P.W	01-HUELL-CN23FTQ9 001	22.05.2023	*(day/mo/yr)*

Genehmigungsinhaber *License Holder*

Shenzhen Aiko Digital Energy Technology Co., Ltd.
Room 607,Building B,Tengfei Industrial Building,No.6 Taohua Road
Fubao Community,Fubao Street,Futian District,Shenzhen 518045 Guangdong
P.R. China

Fertigungsstätte *Manufacturing Plant*

Refer to latest revision of the annex list of factories

Prüfzeichen *Test Mark*

TÜVRheinland® CERTIFIED
IEC 61215
IEC 61730
Regular Production Surveillance
www.tuv.com ID 1111269297

Geprüft nach *Tested acc. 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

Zertifiziertes Produkt (Geräteidentifikation) *Certified Product (Product Identification)*

Lizenzentgelte - Einheit *License Fee - Unit*

PV Module

Continuation of Page 0001

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.
The certificate is valid until 21 May 2028.

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.

Zertifizierungsstelle

TÜV Rheinland LGA Products GmbH TÜVRheinland® Zertifizierungsstelle

Dipl.-Ing. (FH) Tim Kirschner

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*

TÜVRheinland®

Zertifikat Nr. *Certificate No.*
PV 50586300

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0003

Ihr Zeichen *Client Reference*	**Unser Zeichen** *Our Reference*	**Ausstellungsdatum** *Date of Issue*
P.W	01-GJJ-CN23FTQ9 004	28.09.2023 *(day/mo/yr)*

Genehmigungsinhaber *License Holder*
Shenzhen Aiko Digital Energy Technology Co., Ltd.
Room 607,Building B,Tengfei Industrial Building,No.6 Taohua Road Fubao Community,Fubao Street,Futian District,Shenzhen 518045 Guangdong P.R. China

Fertigungsstätte *Manufacturing Plant*
Refer to latest revision of the annex list of factories

Prüfzeichen *Test Mark*

TÜVRheinland® CERTIFIED
IEC 61215
IEC 61730
Regular Production Surveillance
www.tuv.com
ID 1111269297

Geprüft nach *Tested acc. 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

Zertifiziertes Produkt (Geräteidentifikation)
Certified Product (Product Identification)

Lizenzentgelte - Einheit
License Fee - Unit

PV Module

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-MAH72Dw (xxx=625, in steps of 5, 144 cells)
AIKO-Axxx-MAH60Dw (xxx=520, in steps of 5, 120 cells)
With 1/2 cut of mono c-Si cells (Under BNPI):
AIKO-Axxx-MAH72Dw (xxx=655, in steps of 5, 144 cells)
AIKO-Axxx-MAH60Dw (xxx=545, in steps of 5, 120 cells)

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 TÜVRheinland® Zertifizierungsstelle

Zertifizierungsstelle

Angela Yao

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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Anlage Fertigungsstättenliste
/Attachment List of Factories

PV 50586300 0001

1 Guangdong Aiko Solar Energy 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.
Room 139, No.6, West Zhufeng Avenue, Fushan Industrial Park, Doumen District, Zhuhai
519175 Guangdong
P.R. China

Dieser Anhang ersetzt den Vorgänger vom/
This annex replaces the previous annex dated

Datum / Date 22.05.2023

Zertifizierungsstelle / Certification body

TÜVRheinland LGA Products GmbH Zertifizierungsstelle

Dipl.-Ing. (FH) Tim Kirschner

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