

Shenzhen Aiko Digital Energy  
Technology Co., Ltd.  
Parry Wu

Date : 22.05.2023  
Our ref. : HUELL 01  
Your ref.: P.W

Room 607, Building B, Tengfei  
Industrial Building, No.6 Taohua  
Road  
Fubao Community, Fubao Street, Futian  
District, Shenzhen 518045

**Ref : PV Photovoltaic Modules**

Type of Equipment : PV Module  
Model Designation : See Certificate  
Certificate No. : PV 50586300 0001  
Report No. : CN23FTQ9 001

Dear Parry Wu,

Thank you very much for your interest in our services.

Please find enclosed your certification documents.

We appreciate your support and would like to offer our assistance in  
the approval of your future products through our extensive range of  
technical services.

Please feel free to contact us whatever your requirements may be.

With kind regards,

Certification Body

  
Dipl.-Ing. (FH) Tim Kirschner

cc: Shenzhen Aiko Digital Energy

Enclosure

证书的详细资料请登陆[www.certipedia.com](http://www.certipedia.com)查阅,或拨打我司客服热线800 999 3668 / 400 883 1300咨询

# Zertifikat

# Certificate



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

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

Genehmigungsinhaber <i>License Holder</i>	Fertigungsstätte <i>Manufacturing Plant</i>
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	Refer to latest revision of the annex list of factories

### Prüfzeichen *Test Mark*



### 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)

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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](mailto:markcheck@tuv.com)  
Fax: +49 221 806-3935



Dipl.-Ing. (FH) Tim Kirschner

# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
PV 50586300

Blatt *Sheet*  
0002

Ihr Zeichen *Client Reference*  
P.W

Unser Zeichen *Our Reference*  
01-HUELL-CN23FTQ9 001

Ausstellungsdatum *Date of Issue*  
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***



**Geprüft nach *Tested acc. to***

IEC 61215  
IEC 61730  
Regular Production  
Surveillance  
www.tuv.com  
ID 1111269297  
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.*

**TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg**  
http://www.tuv.com/safety E-mail: markcheck@tuv.com  
Fax: +49 221 806-3935



**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



Dipl.-Ing. (FH) Tim Kirschner