

# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
PV 50572634

Blatt *Sheet*  
0001

Ihr Zeichen *Client Reference*  
P.W

Unser Zeichen *Our Reference*  
01-EH-CN22RCIR 001

Ausstellungsdatum  
06.02.2023

*Date of Issue*  
(day/mo/yr)

**Genehmigungsinhaber *License Holder***

SHENZHEN SOLAR-GRIDS DIGITAL POWER TECHNOLOGIES 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 61701:2020  
EN IEC 61701:2020

**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:

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-Axxx-MAH72Mw (xxx=550-615, in steps of 5, 144 cells)  
AIKO-Axxx-MAH60Mw (xxx=460-510, in steps of 5, 120 cells)  
AIKO-Axxx-MAH54Mw (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-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-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-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)

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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



# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
PV 50572634

Blatt *Sheet*  
0002

Ihr Zeichen *Client Reference*  
P.W

Unser Zeichen *Our Reference*  
01-EH-CN22RCIR 001

Ausstellungsdatum *Date of Issue*  
06.02.2023  
(day/mo/yr)

**Genehmigungsinhaber *License Holder***

SHENZHEN SOLAR-GRIDS DIGITAL POWER  
TECHNOLOGIES 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 61701:2020  
EN IEC 61701:2020

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

**Lizenzentgelte - Einheit  
*License Fee - Unit***

PV Module

Continuation of Page 0001

**Remarks:**

- Valid in conjunction with TÜV Rheinland certificate PV 50546229 0001-0005 and only for the material combination as listed in the above mentioned test report.
- Test performed with Test Method 6 of 6.

**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 23 June 2027.

*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 50572634 0001

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

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

Datum / Date 06.02.2023

Zertifizierungsstelle  
/ Certification Body

Dipl.-Ing. Matthias Grzam



# Zertifikat

# Certificate



<b>Zertifikat Nr. Certificate No.</b> PV 50572634	<b>Blatt Sheet</b> 0003		
<b>Ihr Zeichen Client Reference</b> P.W	<b>Unser Zeichen Our Reference</b> 01-HUELL-CN22RCIR 002	<b>Ausstellungsdatum Date of Issue</b> 08.05.2023	<b>Date of Issue</b> (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**



IEC 61701  
Salt Mist  
Resistance  
Regular Production  
Surveillance

www.tuv.com  
ID 1111264087

**Geprüft nach Tested acc. to**  
IEC 61701:2020  
EN IEC 61701:2020

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

**Lizenzentgelte - Einheit**  
**License Fee - Unit**

PV Module

Same as Page 0001-0002

**Remarks:**

- Change name of license holder see above.
- Test performed with Test Method 6.

*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**  
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Fax: +49 221 806-3935

