

# Zertifikat

# Certificate



**Zertifikat Nr. Certificate No.**  
PV 50540660

**Blatt Sheet**  
0001

**Ihr Zeichen Client Reference**  
F.C.

**Unser Zeichen Our Reference**  
01-ZYF-CN22OW6N 001

**Ausstellungsdatum Date of Issue**  
22.04.2022 (day/mo/yr)

**Genehmigungsinhaber License Holder**  
AE SOLAR GmbH  
Messerschmittring 54  
86343 Königsbrunn  
Germany

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

**Prüfzeichen Test Mark**



IEC 62716  
Ammonia  
Resistance  
Regular Production  
Surveillance  
  
www.tuv.com  
ID 1111252975

**Geprüft nach Tested acc. to**  
IEC 62716:2013  
EN 62716:2013

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

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

PV Module

Type Designations:

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

With 1/2 cut of 210 mono c-Si cell:

AExxxME-132 (xxx=640-670, in steps of 5, 132 cells)

AExxxME-120 (xxx=580-610, in steps of 5, 120 cells)

AExxxME-110 (xxx=535-555, in steps of 5, 110 cells)

With 1/3 cut of 210 mono c-Si cell:

AExxxME-T150 (xxx=480-520, in steps of 5, 150 cells)

AExxxME-T120 (xxx=385-415, in steps of 5, 120 cells)

With 1/2 cut of 182 mono c-Si cell:

AExxxMD-156 (xxx=565-600, in steps of 5, 156 cells)

AExxxMD-144 (xxx=520-555, in steps of 5, 144 cells)

AExxxMD-132 (xxx=480-505, in steps of 5, 132 cells)

AExxxMD-120 (xxx=435-460, in steps of 5, 120 cells)

AExxxMD-108 (xxx=390-415, in steps of 5, 108 cells)

AExxxMD-96 (xxx=350-370, in steps of 5, 96 cells)

AExxxMD-72 (xxx=260-275, in steps of 5, 72 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.



**Zertifizierungsstelle**

**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. Matthias Grzam**



# Zertifikat

# Certificate



**Zertifikat Nr. Certificate No.**  
PV 50540660

**Blatt Sheet**  
0002

**Ihr Zeichen Client Reference**  
F.C.

**Unser Zeichen Our Reference**  
01-ZYF-CN220W6N 001

**Ausstellungsdatum Date of Issue**  
14.04.2022 (day/mo/yr)

**Genehmigungsinhaber License Holder**  
AE SOLAR GmbH  
Messerschmittring 54  
86343 Königsbrunn  
Germany

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

**Prüfzeichen Test Mark**



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Ammonia  
Resistance  
Regular Production  
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**Geprüft nach Tested acc. to**  
IEC 62716:2013  
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**Zertifiziertes Produkt (Geräteidentifikation)**  
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**Lizenzentgelte - Einheit**  
**License Fee - Unit**

PV Module

Continuation of Page 1

With ½ cut of 166 mono c-Si cell:

AExxxMC-144 (xxx=420-460, in steps of 5, 144 cells)

AExxxMC-132 (xxx=385-420, in steps of 5, 132 cells)

AExxxMC-120 (xxx=350-385, in steps of 5, 120 cells)

AExxxMC-108 (xxx=315-345, in steps of 5, 108 cells)

AExxxMC-96 (xxx=280-305, in steps of 5, 96 cells)

AExxxMC-72 (xxx=210-230, in steps of 5, 72 cells)

Remarks:

Valid in conjunction with TÜV Rheinland certificate  
PV 50536079 Page 1-2. Only for the material combination as  
listed in the above mentioned test report.

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 17 March 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.



**Zertifizierungsstelle**

**TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg**

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**Dipl.-Ing. Matthias Grzam**