

# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
PV 50552776

Blatt *Sheet*  
0001

Ihr Zeichen *Client Reference*  
F.C.

Unser Zeichen *Our Reference*  
01-GJJ-CN22017V 001

Ausstellungsdatum *Date of Issue*  
01.08.2022 (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*



## 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 Designations:

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

With ½ cut of 210 mono c-Si cell:

AExxxME-132BD (xxx=640-675, in steps of 5, 132 cells)

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

AExxxME-110BD (xxx=530-555, in steps of 5, 110 cells)

With ¼ cut of 210 mono c-Si cell:

AExxxME-T150BD (xxx=480-520, in steps of 5, 150 cells)

AExxxME-T120BD (xxx=385-415, in steps of 5, 120 cells)

With ½ cut of 182 mono c-Si cell:

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

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

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

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

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

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

AExxxMD-72BD (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.

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

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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

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## PV Module

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With ½ cut of 166 mono c-Si cell:

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

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

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

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

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

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

With ½ cut of 158 mono c-Si cell:

AExxxMB-144BD (xxx=390-415, in steps of 5, 144 cells)

AExxxMB-120BD (xxx=325-345, in steps of 5, 120 cells)

Remarks:

Class II acc. to IEC 61140

Fire Rating: Class A (according to UL 790)

Design Load / Safety Factors: 3600 Pa / 1.5 (downward)

1600 Pa / 1.5 (upward)

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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

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## Prüfzeichen *Test Mark*



IEC 61215  
IEC 61730  
Regular Production  
Surveillance  
  
www.tuv.com  
ID 1111257249

## 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  
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## PV Module

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### 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. This certificate is valid until 31 July 2027.

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
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