

# C E R T I F I C A T E



of Conformity  
Low Voltage Directive 2014/35/EU

Registration No.: AN 50559055 0001

Report No.: CN22QJ80 005

**Holder:** AE SOLAR GmbH  
Messerschmittring 54  
86343 Königsbrunn  
Germany

**Product:** PV Module

**Identification:** Type Designations:  
Max. System Voltage: up to 1500 VDC (Voc at STC):  
With 156 mono c-Si cell:  
AExxxMA-72BS (xxx=370-385, in steps of 5, 72 cells)  
AExxxMA-60BS (xxx=310-320, in steps of 5, 60 cells)  
AExxxMA-36BS (xxx=185-195, in steps of 5, 36 cells)  
See more type designations in attachment 1.1 - 1.4

This certificate of conformity is based on an evaluation of a sample of the above mentioned product. Technical Report and documentation are at the Licence Holder's disposal. This is to certify that the tested sample is in conformity with Annex I of Council Directive 2014/35/EU, referred to as the Low Voltage Directive. This certificate does not imply assessment of the series-production of the product and does not permit the use of a TÜV Rheinland mark of conformity. The holder of the certificate is authorized to use this certificate in connection with the EC declaration of conformity according to Annex IV of the Directive.

Certification Body



Date 16.09.2022

TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

CE The CE marking may be used if all relevant and effective EC Directives are complied with. CE

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

**Attachment to**  
**Registration No.:** AN 50559055 0001  
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**Manufacturer:** AE SOLAR GmbH  
Messerschmittring 54  
86343 Königsbrunn  
Germany

**Scope:**

Type Designations:  
With 158 mono c-Si cell:  
AExxxMB-72BS (xxx=385-400, in steps of 5, 72 cells)  
AExxxMB-60BS (xxx=320-335, in steps of 5, 60 cells)  
AExxxMB-36BS (xxx=185-200, in steps of 5, 36 cells)  
With ½ cut of 158 mono c-Si cell:  
AExxxMB-144BS (xxx=390-415, in steps of 5, 144 cells)  
AExxxMB-120BS (xxx=325-345, in steps of 5, 120 cells)  
With 158 mono c-Si cell:  
AExxxSMB-72BS (xxx=385-400, in steps of 5, 72 cells)  
AExxxSMB-60BS (xxx=320-335, in steps of 5, 60 cells)  
AExxxSMB-36BS (xxx=185-200, in steps of 5, 36 cells)  
With ½ cut of 210 mono c-Si cell:  
AExxxME-132BS (xxx=640-670, in steps of 5, 132 cells)  
AExxxME-120BS (xxx=580-610, in steps of 5, 120 cells)  
AExxxME-110BS (xxx=535-555, in steps of 5, 110 cells)  
With # cut of 210 mono c-Si cell:  
AExxxME-T150BS (xxx=480-520, in steps of 5, 150 cells)  
AExxxME-T120BS (xxx=385-415, in steps of 5, 120 cells)

**Date:** 2022-09-16

**Certification Body**



**Dipl.-Ing. Matthias Grzam**

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

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**Manufacturer:** AE SOLAR GmbH  
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Germany

**Scope:** Type Designations:  
With ½ cut of 182 mono c-Si cell:  
AExxxMD-156BS (xxx=565-600, in steps of 5, 156 cells)  
AExxxMD-144BS (xxx=520-555, in steps of 5, 144 cells)  
AExxxMD-132BS (xxx=480-505, in steps of 5, 132 cells)  
AExxxMD-120BS (xxx=435-460, in steps of 5, 120 cells)  
AExxxMD-108BS (xxx=390-415, in steps of 5, 108 cells)  
AExxxMD-96BS (xxx=350-370, in steps of 5, 96 cells)  
AExxxMD-72BS (xxx=260-275, in steps of 5, 72 cells)  
With ½ cut of 166 mono c-Si cell:  
AExxxMC-144BS (xxx=420-460, in steps of 5, 144 cells)  
AExxxMC-132BS (xxx=385-420, in steps of 5, 132 cells)  
AExxxMC-120BS (xxx=350-385, in steps of 5, 120 cells)  
AExxxMC-108BS (xxx=315-345, in steps of 5, 108 cells)  
AExxxMC-96BS (xxx=280-305, in steps of 5, 96 cells)  
AExxxMC-72BS (xxx=210-230, in steps of 5, 72 cells)  
With 156 mono c-Si cell:  
AExxxMA-72 (xxx=370-385, in steps of 5, 72 cells)  
AExxxMA-60 (xxx=310-320, in steps of 5, 60 cells)  
AExxxMA-36 (xxx=185-195, in steps of 5, 36 cells)

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With ½ cut of 210 mono c-Si cell:  
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AExxxME-120 (xxx=580-610, in steps of 5, 120 cells)  
AExxxME-110 (xxx=535-555, in steps of 5, 110 cells)  
With # 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)

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AExxxMD-96 (xxx=350-370, in steps of 5, 96 cells)  
AExxxMD-72 (xxx=260-275, in steps of 5, 72 cells)  
With ½ cut of 166 mono c-Si cell:  
AExxxMC-144 (xxx=420-460, in steps of 5, 144 cells)  
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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)  
Valid in conjunction with TÜV Rheinland certificate  
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**TÜVRheinland**  
**Dipl.-Ing. Matthias Grzam**