C E R T I F I C A T E

of Conformity
Low Voltage Directive (EU) 2014/35

Registration No.: AN 50700393 0001

Report No.: CN25ZSRA 005

Holder: AE SOLAR GmbH
Messerschmittring 54
86343 Königsbrunn
Germany

Product: PV Module

Type designation listed on the next page

This certificate of conformity is based on an evaluation of a sample of the above-mentioned product. Technical Report and documentation are at the License Holder's disposal. This is to certify that the tested sample is in conformity with Annex I of Council Directive (EU) 2014/35, 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

Angela Yao

Date: 2025-10-28

TÜV Rheinland LGA Products GmbH
TÜVRheinland
Zertifizierungsstelle

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TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

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

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Precisely Right.

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Registration No.: AN 50700393 0001

Product: PV Module

Identification: Type Designation

Max. system voltage: up to 1500 VDC (Voc at STC):
With ½ cut of 182 N-type Topcon c-Si cell (under STC):
AExxxCMD-144BD (xxx=340-600, in steps of 5, 144 cells)
AExxxCMD-144BD-F
(xxx=340-600, in steps of 5, 144 cells)
AExxxCMD-132BD (xxx=310-550, in steps of 5, 132 cells)
AExxxCMD-132BD-F
(xxx=310-550, in steps of 5, 132 cells)
AExxxCMD-120BD (xxx=280-500, in steps of 5, 120 cells)
AExxxCMD-120BD-F
(xxx=280-500, in steps of 5, 120 cells)
AExxxCMD-108BD (xxx=255-450, in steps of 5, 108 cells)
AExxxCMD-108BD-F
(xxx=255-450, in steps of 5, 108 cells)
AExxxCMD-96BD (xxx=225-400, in steps of 5, 96 cells)
AExxxCMD-96BD-F (xxx=225-400, in steps of 5, 96 cells)
AExxxCMD-72BD (xxx=170-300, in steps of 5, 72 cells)
AExxxCMD-72BD-F (xxx=170-300, in steps of 5, 72 cells)
AExxxCMD-60BD (xxx=140-250, in steps of 5, 60 cells)
AExxxCMD-60BD-F (xxx=140-250, in steps of 5, 60 cells)
AExxxCMD-48BD (xxx=115-200, in steps of 5, 48 cells)
AExxxCMD-48BD-F (xxx=115-200, in steps of 5, 48 cells)
AExxxCMD-40BD (xxx=95-165, in steps of 5, 40 cells)
AExxxCMD-40BD-F (xxx=95-165, insteps of 5, 40 cells)
AExxxCMD-36BD (xxx=85-150, in steps of 5, 36 cells)
AExxxCMD-36BD-F (xxx=85-150, in steps of 5, 36 cells)
AExxxCMD-18BD (xxx=40-75, in steps of 5, 18 cells)
AExxxCMD-18BD-F (xxx=40-75, in steps of 5, 18 cells)
With ½ cut of 182 mono c-Si cell (under STC):
AExxxCMD-144BDS (xxx=555-600, in steps of 5, 144 cells)
AExxxCMD-120BDS (xxx=460-500, in steps of 5, 120 cells)
AExxxCMD-108BDS (xxx=410-450, in steps of 5, 108 cells)
AExxxCMD-144BDS-I
(xxx=555-600, in steps of 5, 144 cells)
AExxxCMD-120BDS-I

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(xxx=460-500, in steps of 5, 120 cells)
AExxxCMD-108BDS-I
(xxx=410-450, in steps of 5, 108 cells)
AExxxCMD-144BDE (xxx=555-600, in steps of 5, 144 cells)
AExxxCMD-120BDE (xxx=460-500, in steps of 5, 120 cells)
AExxxCMD-108BDE (xxx=410-450, in steps of 5, 108 cells)
With ½ cut of 182 mono c-Si cell (Under BNPI):
AExxxCMD-144BDS
(xxx=615,620,625,630,635,640,645,650,655,660, 144 cells)
AExxxCMD-120BDS
(xxx=510,515,520,525,530,535,540,545,550, 120 cells)
AExxxCMD-108BDS
(xxx=455,460,465,470,475,480,485,490,495, 108 cells)
AExxxCMD-144BDS-I
(xxx=615,620,625,630,635,640,645,650,655,660, 144 cells)
AExxxCMD-120BDS-I
(xxx=510,515,520,525,530,535,540,545,550, 120 cells)
AExxxCMD-108BDS-I
(xxx=455,460,465,470,475,480,485,490,495, 108 cells)
AExxxCMD-144BDE
(xxx=615,620,625,630,635,640,645,650,655,660, 144 cells)
AExxxCMD-120BDE
(xxx=510,515,520,525,530,535,540,545,550, 120 cells)
AExxxCMD-108BDE
(xxx=455,460,465,470,475,480,485,490,495, 108 cells)
With ½ cut of 210 mono c-Si cell (Under STC):
AExxxCME-132BDS (xxx=660-730, in steps of 5, 132 cells)
AExxxCME-120BDS (xxx=600-660, in steps of 5, 120 cells)
AExxxCME-110BDS (xxx=550-605, in steps of 5, 110 cells)
AExxxCME-132BDE (xxx=660-730, in steps of 5, 132 cells)
AExxxCME-120BDE (xxx=600-660, in steps of 5, 120 cells)
AExxxCME-110BDE (xxx=550-605, in steps of 5, 110 cells)
With ½ cut of 210 mono c-Si cell (Under BNPI):
AExxxCME-132BDS (xxx=735,740,745,750,755,760,765,770, 775,780,785,790,795,800,805, 132 cells)
AExxxCME-120BDS (xxx=670,675,680,685,690,695,700,705, 710,715,720,725,730, 120 cells)
AExxxCME-110BDS (xxx=615,620,625,630,635,640,645,650, 655,660,665,670, 110 cells)
AExxxCME-132BDE (xxx=735,740,745,750,755,760,765,770, 775,780,785,790,795,800,805, 132 cells)

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AExxxCME-120BDE (xxx=670,675,680,685,690,695,700,705, 710,715,720,725,730, 120 cells)
AExxxCME-110BDE (xxx=615,620,625,630,635,640,645,650, 655,660,665,670, 110 cells)
With ½ cut of 210 HJT cell (Under STC):
AEXXXTME-132BDS (xxx=675-725, in steps of 5, 132 cells)
AEXXXTME-120BDS (xxx=615-655, in steps of 5, 120 cells)
AEXXXTME-110BDS (xxx=560-600, in steps of 5, 110 cells)
With 1/2 cut of 210 HJT cells (Under BNPI):
AExxxTME-132BDS (xxx=760,765,770,775,780,785,790,795, 800,805,810, 132 cells)
AExxxTME-120BDS
(xxx=695,700,705,710,715,720,725,730,735, 120 cells)
AExxxTME-110BDS
(xxx=635,640,645,650,655,660,665,670,675, 110 cells)
With ½ cut of 166 HJT cell (Under STC):
AEXXXTMC-120BDS (xxx=380-400, in steps of 5, 120 cells)
AEXXXTMC-144BDS (xxx=460-485, in steps of 5, 144 cells)
With ½ cut of 166 HJT cell (Under BNPI):
AEXXXTMC-120BDS (xxx=425,430,435,440,445, 120 cells)
AEXXXTMC-144BDS
(xxx=510,515,520,525,530,535, 144 cells)
With ½ cut of 182 HJT cell (Under STC):
AEXXXTMD-144BDS (xxx=565-595, in steps of 5, 144 cells)
AEXXXTMD-120BDS (xxx=465-495, in steps of 5, 120 cells)
AEXXXTMD-108BDS (xxx=410-445, in steps of 5, 108 cells)
AEXXXTMD-108BDE (xxx=410-445, in steps of 5, 108 cells)
With ½ cut of 182 HJT cell (Under BNPI):
AEXXXTMD-144BDS
(xxx=625,630,635,640,645,650,655, 144 cells)
AEXXXTMD-120BDS
(xxx=520,525,530,535,540,545,550, 120 cells)
AEXXXTMD-108BDS
(xxx=455,460,465,470,475,480,485,490, 108 cells)
AEXXXTMD-108BDE
(xxx=455,460,465,470,475,480,485,490, 108 cells)
With ½ cut of 158.75 HJT cell (Under STC):
AEXXXTMB-144BDS (xxx=400-420, in steps of 5, 144 cells)
With ½ cut of 158.75 HJT cell (Under BNPI):
AEXXXTMB-144BDS (xxx=445,450,455,460,465, 144 cells)
With ½ cut of 182 mono c-Si cell (Under STC):
AExxxCMD-L144BD (xxx=560-585, in steps of 5, 144 cells)
AExxxCMD-L132BD (xxx=510-535, in steps of 5, 132 cells)
With ½ cut of 182 mono c-Si cell (Under BNPI):

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AExxxCMD-L144BD (xxx=625-650, in steps of 5, 144 cells)
AExxxCMD-L132BD (xxx=570-595, in steps of 5, 132 cells)
With ½ cut of 210 mono c-Si cell (under STC):
AExxxCMER-132BDS (xxx=600-640, in steps of 5, 132 cells)
AExxxCMER-132BDS-I (xxx=600-640, in steps of 5, 132 cells)
AExxxCMER-108BDS (xxx=490-520, in steps of 5, 108 cells)
AExxxCMER-108BDE (xxx=490-520, in steps of 5, 108 cells)
AExxxCMER-108BDS-I (xxx=490-520, in steps of 5, 108 cells)
AExxxCMER-108BDE-I (xxx=490-520, in steps of 5, 108 cells)
AExxxCMER-96BDS (xxx=430-465, in steps of 5, 96 cells)
AExxxCMER-96BDE (xxx=430-465, in steps of 5, 96 cells)
AExxxCMER-96BDS-I (xxx=430-465, in steps of 5, 96 cells)
AExxxCMER-96BDE-I (xxx=430-465, in steps of 5, 96 cells)
With ½ cut of 210 mono c-Si cell (under BNPI):
AExxxCMER-132BDS
(xxx=670,675,680,685,690,695,700,705,710, 132 cells)
AExxxCMER-132BDS-I
(xxx=670,675,680,685,690,695,700,705,710, 132 cells)
AExxxCMER-108BDS
(xxx=545,550,555,560,565,570,575, 108 cells)
AExxxCMER-108BDE
(xxx=545,550,555,560,565,570,575, 108 cells)
AExxxCMER-108BDS-I
(xxx=545,550,555,560,565,570,575, 108 cells)
AExxxCMER-108BDE-I
(xxx=545,550,555,560,565,570,575, 108 cells)
AExxxCMER-96BDS
(xxx=480,485,490,495,500,505,510,515, 96 cells)
AExxxCMER-96BDE
(xxx=480,485,490,495,500,505,510,515, 96 cells)
AExxxCMER-96BDS-I
(xxx=480,485,490,495,500,505,510,515, 96 cells)
AExxxCMER-96BDE-I
(xxx=480,485,490,495,500,505,510,515, 96 cells)
With ½ cut of 182 mono c-Si cell (under STC):
AExxxCMD-96BD (xxx=370-400, in steps of 5, 96 cells)

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AExxxCMD-88BD (xxx=335-370, in steps of 5, 88 cells)
AExxxCMD-80BD (xxx=305-335, in steps of 5, 80 cells)
AExxxCMD-72BD (xxx=275-300, in steps of 5, 72 cells)
With ½ cut of 182 mono c-Si cell (under BNPI):
AExxxCMD-96BD
(xxx=410,415,420,425,430,435,440, 96 cells)
AExxxCMD-88BD
(xxx=375,380,385,390,395,400,405,410, 88 cells)
AExxxCMD-80BD
(xxx=340,345,350,355,360,365,370, 80 cells)
AExxxCMD-72BD (xxx=305,310,315,320,325,330, 72 cells)
xxx represents output power in Wp

Remarks:
Valid in conjunction with TÜV Rheinland certificate
PV 50671350 0001-0002.

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