CERTIFICATE

Issued to:
Applicant:
Ningbo Sun Earth East Solar Co., Ltd.
Room 01, Building 9, No.9, Chenshan West Road,
Xiaogang Sub-district, Beilun District
315803 Ningbo City Zhejiang, China

Licensee:
Ningbo Sun Earth East Solar Co., Ltd.
Room 01, Building 9, No.9, Chenshan West Road,
Xiaogang Sub-district, Beilun District
315803 Ningbo City Zhejiang, China

Product	:	Photovoltaic (PV) Module(s)
Trade name(s)	:	Sun-Earth
Type(s)/model(s)	:	DXM8-54HBG xxxW, DXM8-54H xxxW, DXM8-60HBG xxxW, DXM8-60H xxxW, DXM8-66H xxxW, DXM8-72HBG xxxW and DXM8-72H xxxW

The product and any acceptable variation thereof as specified in the Annex to this certificate and the documents referred to therein.

DEKRA hereby declares that the above-mentioned product has been certified based on:
- an evaluation according to the standard(s) IEC 61215-1:2021, IEC 61215-1-1:2021, IEC 61215-2:2021, IEC 61730-1:2023 and IEC 61730-2:2023
- a periodic surveillance
- a DEKRA certification agreement with the number 6059482

DEKRA hereby grants the right to use the DEKRA Seal certification mark.

DEKRA hereby grants the right to use the DEKRA Seal certification mark with the following content:

Category	:	Photovoltaic
Keyword	:	Module Tested
Keyword	:	Periodic Factory Inspection

The DEKRA Seal certification mark may be applied to the product or documentation as specified in this certificate for the duration and under the conditions of the DEKRA Seal certification agreement.

This certificate is issued on 18 August 2024 and expires at the latest on 19 March 2029.

Certificate number: 31-138196 REV.1

DEKRA Certification B.V.

B.T.M. Holtus
Managing Director

C. Lin
Certification Manager

© Integral publication of this certificate is allowed

31-138196

SPECIFICATION OF THE CERTIFIED PRODUCT

Product data

Product	:	Photovoltaic (PV) Module(s)
Trade name(s)	:	Sun-Earth
Type(s)/model(s)	:	DXM8-54HBG xxxW, DXM8-54H xxxW, DXM8-60HBG xxxW, DXM8-60H xxxW, DXM8-66H xxxW, DXM8-72HBG xxxW and DXM8-72H xxxW
Pollution Degree	:	1
Maximum System Voltage	:	1500 V
Protection Class	:	II

Product data – type DXM8-54H xxxW

Description	:	xxx=405-455, in steps of 5, 108 cells
Fire Rating	:	Class C according to UL790
Design	:	PV module with mono c-Si cell (backsheet module)

Product data – type DXM8-54HBG xxxW

Description	:	xxx=405-455, in steps of 5, 108 cells
Fire Rating	:	Class A according to UL790
Design	:	PV module with mono c-Si cell (double-glass module)

Product data – type DXM8-60H xxxW

Description	:	xxx=440-505, in steps of 5, 120 cells
Fire Rating	:	Class C according to UL790
Design	:	PV module with mono c-Si cell (backsheet module)

Product data – type DXM8-60HBG xxxW

Description	:	xxx=440-505, in steps of 5, 120 cells
Fire Rating	:	Class A according to UL790
Design	:	PV module with mono c-Si cell (double-glass module)

Product data – type DXM8-66H xxxW

Description	:	xxx=490-555, in steps of 5, 132 cells
Fire Rating	:	Class C according to UL790
Design	:	PV module with mono c-Si cell (backsheet module)

Product data – type DXM8-72H xxxW

Description	:	xxx=535-610, in steps of 5, 144 cells
Fire Rating	:	Class C according to UL790
Design	:	PV module with mono c-Si cell (backsheet module)

Product data – type DXM8-72HBG xxxW

Description	:	xxx=535-610, in steps of 5, 144 cells
Fire Rating	:	Class A according to UL790
Design	:	PV module with mono c-Si cell (double-glass module)

TESTS

Test requirements
IEC 61215-1:2021
IEC 61215-1-1:2021
IEC 61215-2:2021
IEC 61730-1:2023
IEC 61730-2:2023

Test result
The test results are documented in DEKRA test file 618091100.

Additional information
This certificate replaces certificate No. 31-138196 which we hereby declare invalid.

The list of components is laid down in test report 6180911A.51A; 6180911A.51B.

Conclusion
The examination has confirmed that all requirements were met.

Factory location
Ningbo Sun Earth East Solar Co., Ltd.
Room 01, Building 9, No.9, Chenshan West Road, Xiaogang Sub-district, Beilun District
315803 Ningbo City Zhejiang, China

Trade name(s): Sun-Earth stands for

Unique Identifier

