

CERTIFICATE

Issued to:
Applicant:
Bluesun Solar Co., Ltd.
1499 Zhenxing Road, Shushan District
230031 Hefei City Anhui, China

Licensee:
Bluesun Solar Co., Ltd.
1499 Zhenxing Road, Shushan District
230031 Hefei City Anhui, China

Product : Photovoltaic (PV) Module(s)
Trade name(s) : Bluesun Solar
Type(s)/model(s) : PV module with mono c-Si cells

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

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:

- an evaluation according to the standard(s) IEC 61215-1:2016, EN 61215-1:2016, IEC 61215-1-1:2016, EN 61215-1-1:2016, IEC 61215-2:2016, EN 61215-2:2017, IEC 61730-1:2016, EN IEC 61730-1:2018, IEC 61730-2:2016 and EN IEC 61730-2:2018
- a periodic surveillance
- a DEKRA certification agreement with the number 6064804

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 19 September 2023 and expires at the latest on 30 March 2024.

Certificate number: 31-130214 REV.1

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



H.R.M. Barends
Certification Manager

© Integral publication of this certificate is allowed



31-130214

SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: Photovoltaic (PV) Module(s)
Trade name(s)	: Bluesun Solar
Type(s)/model(s)	: BSMxxG12-6HPH, BSMxxM10-12HNNH, BSMxxM10-6HNNH, BSMxxxG12-12HPH, BSMxxxG12-18HPH, BSMxxxG12-24HPH, BSMxxxG12-30HPH, BSMxxxG12-36HPH, BSMxxxG12-42HPH, BSMxxxG12-48HPH, BSMxxxG12-50HPH, BSMxxxG12-54HPH, BSMxxxG12-55HPH, BSMxxxG12-60HPH, BSMxxxG12-66HPH, BSMxxxM-60HPH, BSMxxxM-72HPH, BSMxxxM10-18HNNH, BSMxxxM10-24HNNH, BSMxxxM10-30HNNH, BSMxxxM10-36HNNH, BSMxxxM10-42HNNH, BSMxxxM10-48HNNH, BSMxxxM10-54HNNH, BSMxxxM10-60HNNH, BSMxxxM10-60HPH, BSMxxxM10-66HNNH, BSMxxxM10-66HPH, BSMxxxM10-72HNNH, BSMxxxM10-72HPH, BSMxxxM10-78HNNH and BSMxxxM10-78HPH
Maximum System Voltage	: 1500 V
Protection Class	: Class II
Pollution Degree	: 1
Fire Rating	: Class C according to UL790
Design	: PV module with mono c-Si cells

Product data – type BSMxxG12-6HPH

Description : xx=60, in steps of 5, 12 cells

Product data – type BSMxxM10-12HNNH

Description : xx=95-100, in steps of 5, 24 cells

Product data – type BSMxxM10-6HNNH

Description : xx=45-50, in steps of 5, 12 cells

Product data – type BSMxxxG12-12HPH

Description : xxx=120-125, in steps of 5, 24 cells

Product data – type BSMxxxG12-18HPH

Description : xxx=175-185, in steps of 5, 36 cells

Product data – type BSMxxxG12-24HPH

Description : xxx=235-250, in steps of 5, 48 cells

Product data – type BSMxxxG12-30HPH

Description : xxx=540-570, in steps of 5, 60 cells

Product data – type BSMxxxG12-36HPH

Description : xxx=350-375, in steps of 5, 72 cells

Product data – type BSMxxxG12-42HPH

Description : xxx=405-435, in steps of 5, 84 cells

Product data – type BSMxxxG12-48HPH

Description : xxx=465-500, in steps of 5, 96 cells

Product data – type BSMxxxG12-50HPH

Description : xxx=485-520, in steps of 5, 100 cells

Product data – type BSMxxxG12-54HPH

Description : xxx=520-560, in steps of 5, 108 cells

Product data – type BSMxxxG12-55HPH

Description : xxx=540-570, in steps of 5, 110 cells

Product data – type BSMxxxG12-60HPH

Description : xxx=580-625, in steps of 5, 120 cells

Product data – type BSMxxxG12-66HPH

Description : xxx=635-690, in steps of 5, 132 cells

Product data – type BSMxxxM10-18HNNH

Description : xxx=140-150, in steps of 5, 36 cells

Product data – type BSMxxxM10-24HNNH

Description : xxx=190-200, in steps of 5, 48 cells

Product data – type BSMxxxM10-30HNNH

Description : xxx=235-250, in steps of 5, 60 cells

Product data – type BSMxxxM10-36HNNH

Description : xxx=280-300, in steps of 5, 72 cells

Product data – type BSMxxxM10-42HNNH

Description : xxx=330-350, in steps of 5, 84 cells

Product data – type BSMxxxM10-48HNNH

Description : xxx=375-400, in steps of 5, 96 cells

Product data – type BSMxxxM10-54HNNH

Description : xxx=420-450, in steps of 5, 108 cells

Product data – type BSMxxxM10-60HNNH

Description : xxx=475-500, in steps of 5; 120 cells

Product data – type BSMxxxM10-60HPH

Description : xxx=445-455, in steps of 5, 120 cells

Product data – type BSMxxxM10-66HNNH

Description : xxx=515-550, in steps of 5; 120 cells

Product data – type BSMxxxM10-66HPH

Description : xxx=490-500, in steps of 5, 132 cells

Product data – type BSMxxxM10-72HNNH

Description : xxx=560-600, in steps of 5; 144 cells

Product data – type BSMxxxM10-72HPH

Description : xxx=535-565, in steps of 5, 144 cells

Product data – type BSMxxxM10-78HNNH

Description : xxx=605-650, in steps of 5; 156 cells

Product data – type BSMxxxM10-78HPH

Description : xxx=575-615, in steps of 5, 156 cells

Product data – type BSMxxxM-60HPH

Description : xxx=365-380, in steps of 5, 120 cells

Product data – type BSMxxxM-72HPH

Description : xxx=435-470, in steps of 5, 144 cells

TESTS**Test requirements**

IEC 61215-1:2016
EN 61215-1:2016
IEC 61215-1-1:2016
EN 61215-1-1:2016
IEC 61215-2:2016
EN 61215-2:2017
IEC 61730-1:2016
EN IEC 61730-1:2018
IEC 61730-2:2016
EN IEC 61730-2:2018

Test result

The test results are laid down in DEKRA test file 615665200.

Additional information

This certificate replaces certificate No. 31-130214 which we hereby declare invalid.

The list of components is laid down in test report 6156652A.51A and 6156652A.51B.

Conclusion

The examination proved that all requirements were met.

Trade name(s): Bluesun Solar stands for  | *Solarhome*

Unique Identifier

