

CERTIFICATE

Issued to:
Applicant:
Bluesun Solar Co., Ltd.
Building No.7, 1499 Zhenxing Road, Shushan District
230031 Hefei City Anhui, China

Product : Crystalline Silicon PV Modules
Trade name(s) : Solarhome
Type(s)/model(s) : BSMxxxM-60HPH, BSMxxxM-72HPH, BSMxxxM10-54HPH,
BSMxxxM10-60HPH, BSMxxxM10-66HPH, BSMxxxM10-72HPH and
BSMxxxM10-78HPH

The product and any acceptable variation thereto is 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:

- a type test 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
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 6059481
- the licensee is registered with the number 43597

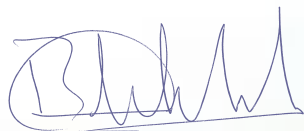
DEKRA hereby grants the right to use the DEKRA Seal certification mark.

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

This certificate is issued on 8 February 2022 and expires at the latest on 28 March 2024.

Certificate number: 31-122312

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



C. Lin
Certification Manager

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SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: Crystalline Silicon PV Modules
Trade name(s)	: Solarhome
Type(s)/model(s)	: BSMxxxM-60HPH, BSMxxxM-72HPH, BSMxxxM10-54HPH, BSMxxxM10-60HPH, BSMxxxM10-66HPH, BSMxxxM10-72HPH and BSMxxxM10-78HPH
Design	: PV module with mono c-Si cells
Maximum System Voltage	: 1500V
Protection Class	: Class II
Pollution Degree	: 1
Fire Rating	: Class C according to UL790

Product data – type BSMxxxM10-54HPH

Description : xxx=395-410 in step of 5, 108 cells

Product data – type BSMxxxM10-60HPH

Description : xxx=445-460 in step of 5, 120 cells

Product data – type BSMxxxM10-66HPH

Description : xxx=485-505 in step of 5, 132 cells

Product data – type BSMxxxM10-72HPH

Description : xxx=530-550 in step of 5, 144 cells

Product data – type BSMxxxM10-78HPH

Description : xxx=575-595 in step of 5, 156 cells

Product data – type BSMxxxM-60HPH

Description : xxx=360-380 in step of 5, 120 cells

Product data – type BSMxxxM-72HPH

Description : xxx=435-455 in step 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 612385100.

Additional information

The list of components is laid down in test report 6103897B.50A and 6103897B.50B.

Conclusion

The examination proved that all requirements were met.

Factory locations

The factory locations are registered with the numbers 43597, 54772, 52702 and 56592.

Trade name(s): Solarhome stands for

Solarhome

Unique Identifier

