

# 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) : BSMxxxG12-54HPH, BSMxxxG12-60HPH, BSMxxxM-60HBD,  
BSMxxxM-72HBD, BSMxxxM10-54HBD, BSMxxxM10-66HBD,  
BSMxxxM10-72HBD and BSMxxxM10-78HBD

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

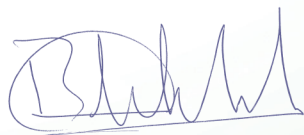
DEKRA hereby grants the right to use the DEKRA Seal certification mark.

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 9 February 2022 and expires at the latest on 28 March 2024.

Certificate number: 31-122315

DEKRA Certification B.V.



B.T.M. Holtus  
Managing Director



H.R.M. Barends  
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)	: BSMxxxG12-54HPH, BSMxxxG12-60HPH, BSMxxxM-60HBD, BSMxxxM-72HBD, BSMxxxM10-54HBD, BSMxxxM10-66HBD, BSMxxxM10-72HBD and BSMxxxM10-78HBD
Maximum System Voltage	: 1500 V
Protection Class	: Class II
Pollution Degree	: 1
Fire Rating	: Class C according to UL790
Design	: Double glass PV module with mono c-Si cells

**Product data – type BSMxxxG12-54HPH**

Description : xxx=395-425, in steps of 5, 108 cells

**Product data – type BSMxxxG12-60HPH**

Description : xxx=440-460, in steps of 5, 120 cells

**Product data – type BSMxxxM10-54HBD**

Description : xxx=390-415, in steps of 5, 108 cells

**Product data – type BSMxxxM10-66HBD**

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

**Product data – type BSMxxxM10-72HBD**

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

**Product data – type BSMxxxM10-78HBD**

Description : xxx=570-595, in steps of 5, 156 cells

**Product data – type BSMxxxM-60HBD**

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

**Product data – type BSMxxxM-72HBD**

Description : xxx=435-455, 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 612385100.

**Additional information**

The list of components is laid down in test report 6103897A.51A and 6103897A.51B.

**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

