

CERTIFICATE

Issued to:

Applicant:

Topsolar Green Energy Technology Co., Ltd.
Floor 1, Building 9, New Industrial Complex No.
1198, Qinhua Avenue, Lianxi District
332000 Jiujiang City Jiangxi, China

Licensee:

Topsolar Green Energy Technology Co., Ltd.
Floor 1, Building 9, New Industrial Complex No.
1198, Qinhua Avenue, Lianxi District
332000 Jiujiang City Jiangxi, China

Product : Crystalline Silicon PV Modules
Trade name(s) : Topsola
Type(s)/model(s) : PV module with mono c-Si cells

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 6060204

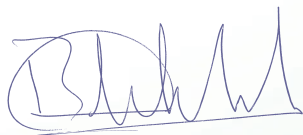
DEKRA hereby grants the right to use the DEKRA Seal certification mark.

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 15 September 2022 and expires at the latest on 30 March 2024.

Certificate number: 31-125348

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)	: Topsola
Type(s)/model(s)	: TPSxxxM-108H1, TPSxxxM-108H1-DG, TPSxxxM-110H2, TPSxxxM-110H2-DG, TPSxxxM-120H, TPSxxxM-120H-DG, TPSxxxM-120H1, TPSxxxM-120H1-DG, TPSxxxM-120H2, TPSxxxM-120H2-DG, TPSxxxM-132H1, TPSxxxM-132H1-DG, TPSxxxM-132H2, TPSxxxM-132H2-DG, TPSxxxM-144H, TPSxxxM-144H-DG, TPSxxxM-144H1, TPSxxxM-144H1-DG, TPSxxxM-156H1 and TPSxxxM-156H1-DG
Maximum System Voltage	: 1500 V
Protection Class	: Class II
Pollution Degree	: 1

Product data – type TPSxxxM-108H1

Design	: Single glass PV module with mono c-Si cells
Description	: xxx=395-425,in steps of 5,108cells
Fire Rating	: Class C according to UL790

Product data – type TPSxxxM-108H1-DG

Design	: Double glass PV module with mono c-Si cells
Description	: xxx=390-420,in steps of 5,108cells
Fire Rating	: Class A according to UL790

Product data – type TPSxxxM-110H2

Design	: Single glass PV module with mono c-Si cells
Description	: xxx=525-570,in steps of 5,110cells
Fire Rating	: Class C according to UL790

Product data – type TPSxxxM-110H2-DG

Design	: Double glass PV module with mono c-Si cells
Description	: xxx=525-560,in steps of 5,110cells
Fire Rating	: Class A according to UL790

Product data – type TPSxxxM-120H

Design	: Single glass PV module with mono c-Si cells
Description	: xxx=355-380,in steps of 5,120cells
Fire Rating	: Class C according to UL790

Product data – type TPSxxxM-120H1

Design	: Single glass PV module with mono c-Si cells
Description	: xxx=425-470,in steps of 5,120cells
Fire Rating	: Class C according to UL790

Product data – type TPSxxxM-120H1-DG

Design : Double glass
PV module with mono c-Si cells
Description : xxx=435-465,in steps of 5,120cells
Fire Rating : Class A according to UL790

Product data – type TPSxxxM-120H2

Design : Single glass
PV module with mono c-Si cells
Description : xxx=575-620,in steps of 5,120cells
Fire Rating : Class C according to UL790

Product data – type TPSxxxM-120H2-DG

Design : Double glass
PV module with mono c-Si cells
Description : xxx=575-615,in steps of 5,120cells
Fire Rating : Class A according to UL790

Product data – type TPSxxxM-120H-DG

Design : Double glass
PV module with mono c-Si cells
Description : xxx=355-380,in steps of 5,120cells
Fire Rating : Class A according to UL790

Product data – type TPSxxxM-132H1

Design : Single glass
PV module with mono c-Si cells
Description : xxx=475-515,in steps of 5,132cells
Fire Rating : Class C according to UL790

Product data – type TPSxxxM-132H1-DG

Design : Double glass
PV module with mono c-Si cells
Description : xxx=470-510,in steps of 5,132cells
Fire Rating : Class A according to UL790

Product data – type TPSxxxM-132H2

Design : Single glass
PV module with mono c-Si cells
Description : xxx=640-680,in steps of 5,132cells
Fire Rating : Class C according to UL790

Product data – type TPSxxxM-132H2-DG

Design : Double glass
PV module with mono c-Si cells
Description : xxx=640-680,in steps of 5,132cells
Fire Rating : Class A according to UL790

Product data – type TPSxxxM-144H

Design	: Single glass PV module with mono c-Si cells
Description	: xxx=425-455, in steps of 5, 144 cells
Fire Rating	: Class C according to UL790

Product data – type TPSxxxM-144H1

Design	: Single glass PV module with mono c-Si cells
Description	: xxx=520-570, in steps of 5, 144 cells
Fire Rating	: Class C according to UL790

Product data – type TPSxxxM-144H1-DG

Design	: Double glass PV module with mono c-Si cells
Description	: xxx=520-560, in steps of 5, 144 cells
Fire Rating	: Class A according to UL790

Product data – type TPSxxxM-144H-DG

Design	: Double glass PV module with mono c-Si cells
Description	: xxx=425-455, in steps of 5, 144 cells
Fire Rating	: Class A according to UL790

Product data – type TPSxxxM-156H1

Design	: Single glass PV module with mono c-Si cells
Description	: xxx=580-615, in steps of 5, 156 cells
Fire Rating	: Class C according to UL790

Product data – type TPSxxxM-156H1-DG

Design	: Double glass PV module with mono c-Si cells
Description	: xxx=565-610, in steps of 5, 156 cells
Fire Rating	: Class A according to UL790

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 607976700.

Additional information

The list of components is laid down in test report 6079767A.50A and 6079767A.50B.

Conclusion

The examination proved that all requirements were met.

Factory location

Topsolar Green Energy Technology Co., Ltd.
Floor 1, Building 9, New Industrial Complex No. 1198, Qinhua Avenue, Lianxi District
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Trade name(s): Topsola stands for 

The logo for 'Topsola' features the word 'Topsola' in a bold, dark blue font. The letter 'o' is replaced by a stylized sun or globe icon with a yellow-to-orange gradient and a dark blue outline.

Unique Identifier

