

# CERTIFICATE

Issued to:  
Applicant:  
Trina Solar Co., Ltd.  
No.2 TianHe Road, Trina PV Industrial Park, New  
District  
213031 Changzhou City Jiangsu, China

Licensee:  
Trina Solar Co., Ltd.  
No.2 TianHe Road, Trina PV Industrial Park, New  
District  
213031 Changzhou City Jiangsu, China

Product : Photovoltaic Module shipping unit  
Trade name(s) : Trina Solar  
Type(s)/model(s) : TSSU-1, TSSU-2, TSSU-3 and TSSU-4

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 62759-1:2022
- a periodic surveillance
- a DEKRA certification agreement with the number 6060563

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:

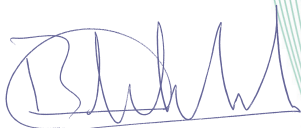
Category : Photovoltaic  
Keyword : Transportation Stress  
Keyword : Periodic Factory Inspection

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 2 August 2023 and expires at the latest on 25 September 2027.

Certificate number: 31-125455 REV.3

DEKRA Certification B.V.



B.T.M. Holtus  
Managing Director



H.R.M. Barends  
Certification Manager

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31-125455

**SPECIFICATION OF THE CERTIFIED PRODUCT****Product data**

Product	: Photovoltaic Module shipping unit
Trade name(s)	: Trina Solar
Type(s)/model(s)	: TSSU-1, TSSU-2, TSSU-3 and TSSU-4

**Product data – type TSSU-1**

Main parts	: Plywood; Three layers paper (fence); Three layers paper (cover); PET
Dimension of carton box	: 2300 x1125x1258mm
Gross weight (Shipping unit with PV modules)	: 921kg
Net weight (Shipping unit without PV modules)	: 59.2kg
Number of PV modules	: 31pcs
Placement of PV modules	: Placed in vertical
Dimension of PV module	: 2278x1134x35mm
Suitable PV modules	: TSM-xxxDE18 (xxx=515-555W, in steps of 5, 144 cells)

**Product data – type TSSU-2**

Main parts	: Plywood; Three layers paper (fence); Three layers paper (cover); PET
Dimension of carton box	: 2300 x1125x1258mm
Gross weight (Shipping unit with PV modules)	: 1221kg
Net weight (Shipping unit without PV modules)	: 61.8kg
Number of PV modules	: 36pcs
Placement of PV modules	: Placed in vertical
Dimension of PV module	: 2278x1134x30mm
Suitable PV modules	: TSM-xxxDEG18C.20 (xxx=520-550W, in steps of 5, 144 cells)

**Product data – type TSSU-3**

Main parts	: Plywood; Three layers paper (fence); Three layers paper (cover); PET
Dimension of carton box	: 2396 x 1120 x 1140mm
Gross weight (Shipping unit with PV modules)	: 1275kg
Net weight (Shipping unit without PV modules)	: 61.8kg
Number of PV modules	: 36pcs
Placement of PV modules	: Placed in vertical
Dimension of PV module	: 2384x1134x30mm
Suitable PV modules	: TSM-xxxNEG19RC.20 (xxx=525-605W, in steps of 5, 132 cells)

**Product data – type TSSU-4**

Main parts	: Plywood; Three layers paper (fence); Three layers paper (cover); PET
Dimension of carton box	: 2388 x 1120 x 1325mm
Gross weight (Shipping unit with PV modules)	: 1310kg
Net weight (Shipping unit without PV modules)	: 46.1kg

Number of PV modules : 33pcs  
Placement of PV modules : Placed in vertical  
Dimension of PV module : 2384 x 1303 x 33mm  
Suitable PV modules : TSM-xxxNEG21C.20 (xxx=635-710W, in steps of 5, 132 cells)

## TESTS

### Test requirements

IEC 62759-1:2022

### Test result

The test results are laid down in DEKRA test file 615650900.

### Additional information

This certificate only refers to the tested shipping unit not to the PV module.

This certificate replaces certificate No. 31-125455 REV.2 which we hereby declare invalid.

The list of components is laid down in test report 6156509A.51.

### Conclusion

The examination proved that all requirements were met.

### Factory locations

Trina Solar Yiwu Technology Co., Ltd.  
No. 801, Longqi Road, Suxi Town  
322009 Yiwu City Zhejiang, China

Yancheng Trina Solar Guoneng Science & Technology Co., Ltd.  
No.101,Wutaishan Road, Yancheng Economic Technological Development Zone  
224000 Yancheng City Jiangsu, China

Trina Solar (Suqian) Science & Technology Co., Ltd.  
No.3 Tianhe Road, Suqian Economic Development Zone  
223814 Suqian City Jiangsu, China


Trina Solar Co., Ltd.  
No.2 TianHe Road, Trina PV Industrial Park, New District  
213031 Changzhou City Jiangsu, China

Trina Solar (Yancheng) New Energy Co., Ltd.  
Room 201, Comprehensive Building, No. 66, Jiuhuashan Road, Yancheng Economic and Technological Development Zone  
224007 Yancheng City Jiangsu, China

Trina Solar Science and Technology (Thailand) Ltd.  
No. 7/496 Moo.6 Tambol Mabyangporn, Amphur Pluakdaeng  
21140 Rayong, Thailand

Trina Solar (Huai'an) Technology Co., Ltd.  
No. 189, Shenzhen East Road, Huai'an Economic and Technological Development Zone  
223300 Huai'an City Jiangsu, China

Trina Solar (Qinghai) Technology Co., Ltd.  
Zone II, No.17, Planning Fifth Road, Shangxinzhuang Town, Huangzhong District  
811600 Xining City Qinghai, China

Trade name(s): Trina Solar stands for 

Unique Identifier

