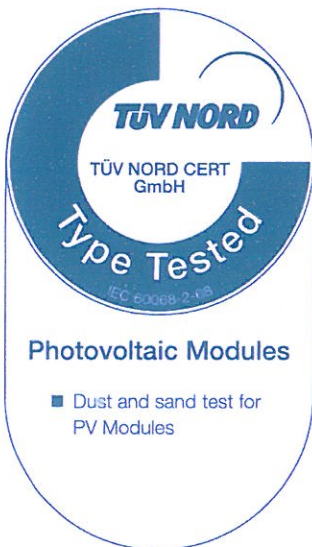


TÜV NORD CERT GmbH
herewith declares that

Zhongli Talesun Solar Co., Ltd.
No. 1 Talesun Road, Changkun Industrial Park, Shajiang Town
Changshu, Suzhou City, Jiangsu Province, 215542
P.R. China

is authorized to provide the product mentioned below with the mark as illustrated:



Description of product (details see Annex 2):

PV Modules with 6" Mono-crystalline Silicon Solar Cells

PV Modules with 5" Mono-crystalline Silicon Solar Cells

PV Modules with 6" Poly-crystalline Silicon Solar Cells

Tested according to: IEC 60068-2-68:1994 Method Lc2

Valid until: 2021-09-05

Remark: Dust concentration: $5 \pm 0.5 \text{g/m}^3$;
Wind velocity: $20 \pm 2 \text{m/s}$;
Test duration: 4 hours for front side and 4 hours for back side.

Registered No.: 44 780 16 406749 - 161

Manufacturer: see Annex 1

Test Report No.: 492010688.001

File No.: SHV04020/16-04



TÜV NORD CERT GmbH
Certification Body
Consumer Products

Essen, 2016-09-06

Please also pay attention to the information stated overleaf.

Manufacturer:

Manufacturer 1: **Zhongli Talesun Solar Co., Ltd.**
No. 1 Talesun Road, Changkun Industrial Park, Shajiabang Town
Changshu, Suzhou City, Jiangsu Province, 215542, P.R. China

Factory inspection report no.: 862010297.001

Manufacturer 2: **Zhongli Talesun Solar (Thailand) Co., Ltd.**
7/473 Moo.6 Mabyangporn, Pluakdaeng
Rayong, 21140, Thailand

Factory inspection report no.: 862010298.001

Remark:

Factory inspection is mandatory to be performed annually. Please refer to factory inspection report for detailed information.



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Consumer Products

Description of product(s):

Module types:

PV Modules with 6" Mono-crystalline Silicon Solar Cells:

72 cells: TP672M-xxx (xxx=265-375, in increments of 5);
60 cells: TP660M-xxx (xxx=220-315, in increments of 5);
54 cells: TP654M-xxx (xxx=205-280, in increments of 5);
48 cells: TP648M-xxx (xxx=185-250, in increments of 5)

Maximum system voltage:

1000V

Fuse rating:

15A

Application class:

Class A

Electrical protection class:

Class II

Module types:

PV Modules with 6" Poly-crystalline Silicon Solar Cells:

72 cells: TP672P-xxx (xxx=260-345, in increments of 5);
60 cells: TP660P-xxx (xxx=215-285, in increments of 5);
54 cells: TP654P-xxx (xxx=195-255, in increments of 5);
48 cells: TP648P-xxx (xxx=175-230, in increments of 5)

Maximum system voltage:

1000V

Fuse rating:

15A

Application class:

Class A

Electrical protection class:

Class II

Module types:

PV Modules with 5" Mono-crystalline Silicon Solar Cells:

72 cells: TP572M-xxx (xxx=170-205, in increments of 5)

Maximum system voltage:

1000V

Fuse rating:

10A

Application class:

Class A

Electrical protection class:

Class II

Remark:

For detailed product information, please refer to CDF (Constructional Data Form) in Annex 1 of test report.



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Certification Body
Consumer Products