

**To:**

Company: Chint Solar (Zhejiang) Co., Ltd.  
Contact: Ms. Xuemei Zhang  
Email: xuemei.zhang@Astronergy.com

**From:**

Company: TÜV NORD (HANGZHOU) CO., LTD.  
Contact: Ms. Miley Li  
Email: wli@tuv-nord.com

2020-03-24

**Subject: Declaration of cancellation**

File No.: SHV03038/19-01  
License holder: **Chint Solar (Zhejiang) Co., Ltd.**  
No.1335, Bin'an Road, Binjiang District  
Hangzhou City, Zhejiang Province, 310053, P.R. China  
Manufacturer 1: **Chint Solar (Zhejiang) Co., Ltd.**  
No.1335, Bin'an Road, Binjiang District  
Hangzhou City, Zhejiang Province, 310053, P.R. China  
Manufacturer 2: **Chint New Energy (Haining) Co., Ltd.**  
No.1, Jisheng Road, Jianshan New District  
Haining City, Zhejiang Province, 314415, P.R. China  
Certificate No.: 44 780 19 406749 - 318  
Product: Crystalline Silicon Terrestrial Photovoltaic (PV) Modules

Herewith it is declared, that the above noted certificate(s) has (have) been invalidated since the date 2020-03-24.

The cancellation is to:

- License holder applied for cancellation.  
 New certificate(s) has (have) been issued to replace the cancelled one(s).  
(New certificate(s) : 44 780 19 406749 - 318R1M1)  
 Annual factory inspection is refused by the license holder or the manufacturer.  
 Factory Inspection fee or annual fee or registration fee is not paid by License Holder or Manufacturer.  
 Others. (N/A)

Please pay attention to stop using the invalid certificate(s) from 2020-03-24. Meanwhile, please send back the original copies of above mentioned certificate(s) to us.

TÜV NORD reserved the right of final explanation about the cancellation of certificate(s). TÜV NORD will not take any responsibility for the circumstance of misusing the invalid certificate(s) by the license holder or the manufacturer.

PV Business - Renewable Energy  
TÜV NORD (Hangzhou) Co., Ltd.

Miley Li   
Technical Support

# CERTIFICATE

**TÜV NORD CERT GmbH**  
herewith declares that

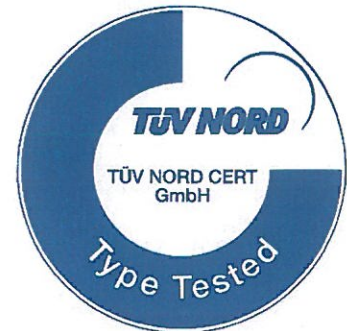
**Chint Solar (Zhejiang) Co., Ltd.**  
No.1335, Bin'an Road, Binjiang District  
Hangzhou City, Zhejiang Province, 310053  
P.R. China

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 6" Poly-crystalline Silicon Solar Cells**



Valid from: 2020-03-24

Valid until: 2022-02-16

Tested according to: P12.4-AA-04 Rev. 00  
(IEC 60068-2-68:1994 modified)  
Remark: Test Method Lc1 or Lc2;  
Dust concentration:  $5 \pm 0.5 \text{g/m}^3$ ;  
Wind velocity:  $20 \pm 2 \text{m/s}$ ;  
Test duration: 4 hours each side.  
Registered No.: 44 780 19 406749 - 318R1M1  
Manufacturer: see Annex 1  
Test Report No.: 492010752.003  
File No.: SHV03057/20-01



**TÜV NORD CERT GmbH**  
Certification Body  
Consumer Products



Essen, 2020-03-24

Please also pay attention to the information stated overleaf.

**Manufacturer:**

Manufacturer 1: **Chint Solar (Zhejiang) Co., Ltd.**  
No.1335, Bin'an Road, Binjiang District  
Hangzhou City, Zhejiang Province, 310053, P.R. China

Factory inspection report no.: 862010301.004

Manufacturer 2: **Chint New Energy (Haining) Co., Ltd.**  
No.1, Jisheng Road, Jianshan New District  
Haining City, Zhejiang Province, 314415, P.R. China

Factory inspection report no.: 862010317.004

**Remark:**

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



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Certification Body  
Consumer Products



**Description of product(s):**

Module types:	<b>PV Modules with 6" Mono-crystalline Silicon Solar Cells:</b> 72 cells: CHSM6612M/HV-xxx (xxx=330-405, in steps of 5) 66 cells: CHSM6611M/HV-xxx (xxx=260-335, in steps of 5) 60 cells: CHSM6610M/HV-xxx (xxx=275-335, in steps of 5) 54 cells: CHSM6609M/HV-xxx (xxx=185-275, in steps of 5) 48 cells: CHSM6608M/HV-xxx (xxx=170-245, in steps of 5) 42 cells: CHSM6607M/HV-xxx (xxx=155-210, in steps of 5) 36 cells: CHSM6606M/HV-xxx (xxx=130-180, in steps of 5) 144 half-cut cells: CHSM72M-HC-xxx xxx=330-455, in steps of 5) 120 half-cut cells: CHSM60M-HC-xxx (xxx=275-380, in steps of 5)
Maximum system voltage:	1500V
Fuse rating:	15A
Application class:	Class A
Electrical protection class:	Class II

Module types:	<b>PV Modules with 6" Poly-crystalline Silicon Solar Cells:</b> 72 cells: CHSM6612P/HV-xxx (xxx=310-390, in steps of 5) 66 cells: CHSM6611P/HV-xxx (xxx=245-325, in steps of 5) 60 cells: CHSM6610P/HV-xxx (xxx=260-325, in steps of 5) 54 cells: CHSM6609P/HV-xxx (xxx=180-265, in steps of 5) 48 cells: CHSM6608P/HV-xxx (xxx=155-235, in steps of 5) 42 cells: CHSM6607P/HV-xxx (xxx=135-205, in steps of 5) 36 cells: CHSM6606P/HV-xxx (xxx=120-175, in steps of 5) 144 half-cut cells: CHSM72P-HC-xxx xxx=315-405, in steps of 5) 120 half-cut cells: CHSM60P-HC-xxx (xxx=260-335, in steps of 5)
Maximum system voltage:	1500V
Fuse rating:	15A
Application class:	Class A
Electrical protection class:	Class II

Module types:	<b>PV Modules with 6" Mono-crystalline Silicon Solar Cells:</b> 72 cells: CHSM6612M-xxx (xxx=330-405, in steps of 5) 72 cells: CHSM6612M(BL)-xxx (xxx=330-405, in steps of 5) 66 cells: CHSM6611M-xxx (xxx=260-335, in steps of 5) 60 cells: CHSM6610M-xxx (xxx=275-335, in steps of 5)
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60 cells: CHSM6610M(BL)-xxx (xxx=275-335, in steps of 5)  
54 cells: CHSM6609M-xxx (xxx=185-275, in steps of 5)  
48 cells: CHSM6608M-xxx (xxx=170-245, in steps of 5)  
42 cells: CHSM6607M-xxx (xxx=155-210, in steps of 5)  
36 cells: CHSM6606M-xxx (xxx=130-180, in steps 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: CHSM6612P-xxx (xxx=310-390, in steps of 5)  
72 cells: CHSM6612P(BL)-xxx (xxx=310-390, in steps of 5)  
66 cells: CHSM6611P-xxx (xxx=245-325, in steps of 5)  
60 cells: CHSM6610P-xxx (xxx=260-325, in steps of 5)  
60 cells: CHSM6610P(BL)-xxx (xxx=260-325, in steps of 5)  
54 cells: CHSM6609P-xxx (xxx=180-265, in steps of 5)  
48 cells: CHSM6608P-xxx (xxx=155-235, in steps of 5)  
42 cells: CHSM6607P-xxx (xxx=135-205, in steps of 5)  
36 cells: CHSM6606P-xxx (xxx=120-175, in steps of 5)

Maximum system voltage: 1000V  
Fuse rating: 15A  
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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