

To:
Company: Jolywood (Taizhou) Solar
Technology Co., Ltd.
Contact: Ms. Man Zhang
Email: zhangm@jolywood.cn

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

2020-10-20

Subject: Declaration of cancellation

File No.: PVP04034/20P-01
License holder: **Jolywood (Taizhou) Solar Technology Co., Ltd.**
Kaiyang Rd. Jiangyan Economic Development Zone
Taizhou City, Jiangsu Province, 225500, P.R. China
Manufacturer 1: **Jolywood (Taizhou) Solar Technology Co., Ltd.**
Jiangyan High-tech Zone, Xinyuan Rd No.11, Economic Development Zone,
Taizhou City, Jiangsu Province, 225500, P.R. China
Manufacturer 2: **Jolywood (Taizhou) Solar Technology Co., Ltd.**
Kaiyang Rd. Jiangyan Economic Development Zone
Taizhou City, Jiangsu Province, 225500, P.R. China
Manufacturer 3: **Funing GCL System Integration Technology Co., Ltd.**
No.888(A) Hong Kong Road, Funing Economic Development Zone
Yancheng City, Jiangsu Province, 224400, P.R. China
Certificate No.: 44 780 20 406749 - 012R2A1M3
Product: Crystalline Silicon Terrestrial Photovoltaic (PV) Modules

Herewith it is declared, that the above noted certificate(s) has (have) been invalidated since the date 2020-10-20.

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 20 406749 - 012R3A1M4)
 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 2020-10-20. 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

TÜV NORD (Hangzhou) Co., Ltd.
杭州汉德质量认证服务有限公司
Member of TÜV NORD Group
TÜV NORD 集团成员之一

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www.tuv-nord.com/cn
www.tuev-nord-cert.de

CERTIFICATE

TÜV NORD CERT GmbH
herewith declares that

Jolywood (Taizhou) Solar Technology Co., Ltd.
Kaiyang Rd. Jiangyan Economic Development Zone
Taizhou City, Jiangsu Province, 225500
P.R. China

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

Description of product (details see Annex 2):

Double Glass PV Modules with 6" Mono n-type bifacial solar cells

Double Glass PV Modules with 6" Half-cut Mono n-type bifacial solar cells

Double Glass PV Modules with 6" Half-cut Mono p-type Bifacial Solar Cells



Valid from: 2020-10-20

Valid until: 2024-08-28

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 20 406749 - 012R3A1M4

Manufacturer: see Annex 1

Test Report No.: 492011297.006

File No.: SHV02029/20-07



TÜV NORD CERT GmbH
Certification Body
Consumer Products



Essen, 2020-10-20

Please also pay attention to the information stated overleaf.

Manufacturer:

Manufacturer 1: **Jolywood (Taizhou) Solar Technology Co., Ltd.**
Jiangyan High-tech Zone, Xingyuan Rd No.11
Economic Development Zone, Taizhou City
Jiangsu Province, 225500, P.R. China

Factory inspection report no.: 862010326.004

Manufacturer 2: **Jolywood (Taizhou) Solar Technology Co., Ltd.**
Kaiyang Rd. Jiangyan Economic Development Zone
Taizhou City, Jiangsu Province, 225500, P.R. China

Factory inspection report no.: 862010439.002

Manufacturer 3: **Funing GCL System Integration Technology Co., Ltd.**
No.888(A) Hong Kong Road, Funing Economic Development Zone
Yancheng City, Jiangsu Province, 224400, P.R. China

Factory inspection report no.: 862010482.002

Remark:

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



TÜV NORD CERT GmbH
Certification Body
Consumer Products

Description of product(s):

Module types: **Double Glass PV Modules with 6" Mono n-type bifacial solar cells:**
72 cells: JW-D72N-xxx (xxx=295-415, in steps of 5)
60 cells: JW-D60N-xxx (xxx=250-340, in steps of 5)
Remark: xxx indicates output power from the front side only

Maximum system voltage: 1500V

Fuse rating: 20A

Application class: Class A

Electrical protection class: Class II

Module types: **Double Glass PV Modules with 6" Half-cut Mono n-type bifacial solar cells:**
156 cells: JW-HD156N-xxx (xxx=425-455, in steps of 5)
144 cells: JW-HD144N-xxx (xxx=355-450, in steps of 5)
120 cells: JW-HD120N-xxx (xxx=285-375, in steps of 5)
Remark: xxx indicates output power from the front side only

Maximum system voltage: 1500V

Fuse rating: 25A

Application class: Class A

Electrical protection class: Class II

Module types: **Double Glass PV Modules with 6" Half-cut Mono p-type Bifacial Solar Cells:**
156 cells: JW-HD156P-xxx (xxx=425-450, in steps of 5)
144 cells: JW-HD144P-xxx (xxx=390-450, in steps of 5)
120 cells: JW-HD120P-xxx (xxx=325-375, in steps of 5)
Remark: xxx indicates output power from the front side only

Maximum system voltage: 1500V

Fuse rating: 25A

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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