

To / 致:

Company / 公司: DAS SOLAR CO., LTD.
一道新能源科技股份有限公司

Contact / 联系人: Mr. Yang Jian

Email / 邮箱: jian.yang1@das-solar.com

From / 自:

Company / 公司: TÜV NORD (HANGZHOU)
CO., LTD. / 杭州汉德质量认证
服务有限公司

Contact / 联系人: Ms. Serena Wu/ 鄢玉婷 女士

Email / 邮箱: sewu@tuv-nord.com

Subject: Announcement of cancellation

主题: 证书取消通知

File No.: PVP07106/24P-02

项目号:

License holder: DAS SOLAR CO., LTD.

持证人: 一道新能源科技股份有限公司

Certificate No.: 44 780 23 406749 - 347R6A4M6

证书号:

Product: Crystalline Silicon Terrestrial Photovoltaic (PV) Modules

产品: 地面用晶体硅光伏组件

Herewith it is declared, that the above noted certificate(s) has (have) been invalidated since 2024-12-19.
特此声明, 上述证书自 2024 年 12 月 19 日起失效。

The cancellation is due to:

取消原因:

License holder applied for cancellation.

持证人申请取消。

New certificate(s) (no: 44 780 23 406749 - 347R7A4M6) has (have) been issued to replace the cancelled one(s).

新证书 (证书号: 44 780 23 406749 - 347R7A4M6) 签发, 取代旧证书。

Certificate(s) is (are) expired.

证书有效期至。

Certificate(s) has (have) been suspended for one year, and the factory inspection, verification, and rectification required to restore the certificate(s) has (have) not been completed.

证书暂停满一年, 未完成恢复证书所需厂检、核查、整改等。

Certificate(s) has (have) been suspended for one year, and the annual certificate fee has (have) not been paid.

证书暂停满一年, 未支付证书年费。

Others: _____

其他情况: _____

Please pay attention to stop using the invalid certificate(s) from 2024-12-19. Meanwhile, please send back the original copies of above mentioned certificate(s) to us.

请注意从 2024 年 12 月 19 日开始停止使用无效证书。同时，请将上述证书原件寄回给我们。

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.

TÜV NORD 保留对证书取消的最终解释权。TÜV NORD 对证书持有者或制造商滥用无效证书的情况不承担任何责任。

Renewable Energy / 可再生能源

TÜV NORD (Hangzhou) Co., Ltd. / 杭州汉德质量认证服务有限公司



Serena Wu / 邬玉婷

Technical Support / 技术支持

CERTIFICATE

TÜV NORD CERT GmbH
herewith declares that

DAS SOLAR CO., LTD.

No.43, South Bailing Road, 324022 Quzhou City,
Zhejiang Province,
PEOPLE'S REPUBLIC OF CHINA

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

Description of product (details see Annex 2):

Crystalline Silicon Terrestrial Photovoltaic (PV) Modules



Valid from: 2024-12-19

Valid until: 2028-10-09

Certification program:	P12-VA-01 Rev. 17 09.20
Certification fundamental(s):	IEC 62716:2013 / EN 62716:2013.
Registered No.:	44 780 23 406749 - 347R7A4M6
Manufacturer and factory(-ies):	See Annex 1
Test Report No.:	492012644.008
File No.:	PVP12029/24P-02



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Essen, 2024-12-19

Please also pay attention to the information stated overleaf.

Manufacturer and factory(-ies):

Manufacturer:	DAS SOLAR CO., LTD. No.43, South Bailing Road, 324022 Quzhou City, Zhejiang Province, PEOPLE'S REPUBLIC OF CHINA
Factory 1:	DAS SOLAR CO., LTD. No.43, South Bailing Road, 324022 Quzhou City, Zhejiang Province, PEOPLE'S REPUBLIC OF CHINA
Factory inspection report no.:	862010455.006
Factory 2:	DAS SOLAR (Taizhou) CO., LTD. No.107, Yaojia Road, Jiulong Town, Hailing District, 225312 Taizhou City, P. R. China
Factory inspection report no.:	862010820.002
Factory 3:	DAS Solar (Bengbu) Co., Ltd. West of the intersection of Rainbow Boulevard and south Ring Road Toupu Town, Wuhe County 233399 Bengbu City, Anhui Province PEOPLE'S REPUBLIC OF CHINA
Factory inspection report no.:	862010822.002
Factory 4:	DAS SOLAR (Zhangzhou) CO., LTD. No.1 Xingcai 6th Road,Dongshan County 363401 Zhangzhou City, Fujian Province PEOPLE'S REPUBLIC OF CHINA
Factory inspection report no.:	862010823.002
Factory 5:	Gansu dongkong DAS SOLAR CO., LTD. NO.1 Jingsi Road, New Energy Equipment Industrial Park, Yongchang Town, Liangzhou District, 733000 Wuwei City,Gansu Province
Factory inspection report no.:	862010824.002
Factory 6:	DAS SOLAR (JingShan) Co.,LTD. No.8, Panyan Road, Yongxing Street, Jingshan City, Jingmen City,431899, Hubei Province, P.R.China
Factory inspection report no.:	862010825.002



- Factory 7: **Beihai DAS SOLAR CO., LTD.**
No.15, Floor 4, Tieshan Port Joint Inspection Building, Xinggang Town,
Tieshan Port District,536000 Beihai City,Guangxi Zhuang Autonomous
Region
Factory inspection report no.: 862010826.002
- Factory 8: **Das Solar Changtong Renewable Energy (Guizhou) Co., LTD.**
4th Gongye Road, Wu Li Gang Jie Dao, Weining County, Bijie
Guizhou,553199, China
Factory inspection report no.: 862010827.001
- Factory 9: **Das Solar Huida Renewable Energy Technology (Inner Mongolia) Co., LTD.**
Office 703-1, Administrative Office Building Dalat Economic Development
Zone Dalat Banner 014300 Ordos PEOPLE'S REPUBLIC OF CHINA
Factory inspection report no.: 862010944.001
- Factory 10: **Southwest Guizhou Das-Solar Changtong
Renewable Energy Co., Ltd.**
Baling Heavy Industry Park, Economic Development Zone
Baling Town, Xingren City Southwest Guizhou Autonomous Prefecture
562300 Buyi and Miao Autonomous Prefecture
PEOPLE'S REPUBLIC OF CHINA
Factory inspection report no.: 862010945.001

Remark:

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



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Description of product(s):

Module types:

Double Glass PV Modules with Half-cut PERC Mono-crystalline Silicon Solar Cells:

144 cells: DAS-DH144P-xxx (xxx = 360-425, in increment of 5)
132 cells: DAS-DH132P-xxx (xxx = 330-390, in increment of 5)
120 cells: DAS-DH120P-xxx (xxx = 300-355, in increment of 5)
144 cells: DAS-DH144P6-xxx (xxx = 410-465, in increment of 5)
132 cells: DAS-DH132P6-xxx (xxx = 375-425, in increment of 5)
120 cells: DAS-DH120P6-xxx (xxx = 340-385, in increment of 5)
156 cells: DAS-DH156PA-xxx (xxx = 570-610, in increment of 5)
144 cells: DAS-DH144PA-xxx (xxx = 510-565, in increment of 5)
132 cells: DAS-DH132PA-xxx (xxx = 470-515, in increment of 5)
120 cells: DAS-DH120PA-xxx (xxx = 425-470, in increment of 5)
108 cells: DAS-DH108PA-xxx (xxx = 385-425, in increment of 5)
120 cells: DAS-DH120PB-xxx (xxx = 565-620, in increment of 5)
Remark: xxx indicates output power from the front side only.

Maximum system voltage:

1500V

Maximum overcurrent protection rating:

20A or 30A

Electrical protection class:

Class II

Module types:

Double Glass PV Modules with Half-cut TOPCon Mono-crystalline Silicon Solar Cells:

144 cells: DAS-DH144N-xxx (xxx = 390-415, in increment of 5)
120 cells: DAS-DH120N-xxx (xxx = 325-345, in increment of 5)
144 cells: DAS-DH144NB-xxx (xxx = 410-425, in increment of 5)
120 cells: DAS-DH120NB-xxx (xxx = 340-355, in increment of 5)
156 cells: DAS-DH156NA-xxx (xxx = 585-650, in increment of 5)
144 cells: DAS-DH144NA-xxx (xxx = 530-600, in increment of 5)
132 cells: DAS-DH132NA-xxx (xxx = 485-550, in increment of 5)
120 cells: DAS-DH120NA-xxx (xxx = 445-500, in increment of 5)
108 cells: DAS-DH108NA-xxx (xxx = 400-450, in increment of 5)
144 cells: DAS-DH144ND-xxx (xxx = 580-620, in increment of 5)
120 cells: DAS-DH120ND-xxx (xxx = 485-515, in increment of 5)
108 cells: DAS-DH108ND-xxx (xxx = 435-465, in increment of 5)
132 cells: DAS-DH132NE-xxx (xxx=580-630, in increment of 5)
108 cells: DAS-DH108NE-xxx (xxx=475-515, in increment of 5)
96 cells: DAS-DH96NE-xxx (xxx=420-460, in increment of 5)



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132 cells: DAS-DH132NC-xxx (xxx=685-720, in increment of 5)
120 cells: DAS-DH120NC-xxx (xxx=625-655, in increment of 5)
Remark: xxx indicates output power from the front side only.

Maximum system voltage: 1500V
Maximum overcurrent protection rating: 20A or 30A or 35A
Electrical protection class: Class II

Module types: **Double Glass PV Modules with Half-cut PERC Mono-crystalline Silicon Solar Cells:**

144 cells: DAS-DH144P-xxxB (xxx = 420-465, in increment of 5)
120 cells: DAS-DH120P-xxxB (xxx = 350-385, in increment of 5)
144 cells: DAS-DH144P6-xxxB (xxx = 475-515, in increment of 5)
120 cells: DAS-DH120P6-xxxB (xxx = 395-430, in increment of 5)
144 cells: DAS-DH144PA-xxxB (xxx = 590-625, in increment of 5)
132 cells: DAS-DH132PA-xxxB (xxx = 545-570, in increment of 5)
120 cells: DAS-DH120PA-xxxB (xxx = 495-520, in increment of 5)
108 cells: DAS-DH108PA-xxxB (xxx = 445-470, in increment of 5)
Remark: xxxB indicate the output power from the front side with 1000W/m² and the rear side with 200W/m².

Maximum system voltage: 1500V
Maximum overcurrent protection rating: 20A or 30A
Electrical protection class: Class II



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Module types:	Double Glass PV Modules with Half-cut TOPCon Mono-crystalline Silicon Solar Cells: 144 cells: DAS-DH144NB-xxxB (xxx = 475-490, in increment of 5) 120 cells: DAS-DH120NB-xxxB (xxx = 395-405, in increment of 5) 144 cells: DAS-DH144N-xxxB (xxx = 450-475, in increment of 5) 120 cells: DAS-DH120N-xxxB (xxx = 375-395, in increment of 5) Remark: xxxB indicate the output power from the front side with 1000W/m ² and the rear side with 200W/m ² .
Maximum system voltage:	1500V
Maximum overcurrent protection rating:	20A or 30A
Electrical protection class:	Class II

Remark:

For detailed product information, please refer to CDF (Constructional Data Form).



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