

To / 致:

Company / 公司: CSG PVTech Co., Ltd
东莞南玻光伏科技有限公司

Contact / 联系人: Mr. Li Jian / 李建 先生

Email / 邮箱: lij3@csgholding.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/ 邬玉婷 女士

Email / 邮箱: sewu@tuv-nord.com

Subject: Announcement of cancellation**主题: 证书取消通知**

File No.: PVP09174/23P

项目号:

License holder: CSG PVTech Co., Ltd

持证人:

Certificate No.: 44 780 23 406749 - 366M1

证书号:

Product: Crystalline Silicon Terrestrial Photovoltaic (PV) Modules

产品: 晶硅光伏组件

Herewith it is declared, that the above noted certificate(s) has (have) been invalidated since 2023-12-27.
特此声明, 上述证书自 2023 年 12 月 27 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 - 366R1M1) has (have) been issued to replace the cancelled one(s).

新证书(证书号: 44 780 23 406749 - 366R1M1) 签发, 取代旧证书。

After the expiry date of the certificate(s), the certificate(s) has (have) not been renewed within 6 months.

证书到期 6 个月内未续证。

After the expiry date of last factory inspection conclusion, no factory inspection has been conducted or no payment of annual fees has been received within 6 months.

上一厂检结论有效期到期后, 6 个月内未配合厂检或未支付年度费用。

No payment of annual fees has been received within 6 month after last period of payment of annual fees.

上一证书年费支付期后, 超过 6 个月未支付证书年费。

Others: _____

其他情况: _____

Please pay attention to stop using the invalid certificate(s) from 2023-12-27. Meanwhile, please send back the original copies of above mentioned certificate(s) to us.

请注意从 2023 年 12 月 27 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



Miley Li / 李文颖

Technical Support / 技术支持

CERTIFICATE

TÜV NORD CERT GmbH
herewith declares that

CSG PVTECH CO., LTD.
XinJi Village,
Machong Town, Dongguan City,
Guangdong Province, 523141, 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: 2023-12-27

Valid until: 2028-10-18

Certification program:	P12-VA-01 Rev. 17 09.20
Certification fundamental(s):	IEC 61215-1:2021 + COR1:2021 / EN IEC 61215-1:2021 + AC:2021; IEC 61215-1-1:2021 / EN IEC 61215-1-1:2021; IEC 61215-2:2021 / EN IEC 61215-2:2021; IEC 61730-1:2016 / EN IEC 61730-1:2018 + AC:2018; IEC 61730-2:2016 / EN IEC 61730-2:2018 + AC:2018.
Registered No.:	44 780 23 406749 - 366R1M1
Manufacturer:	see Annex 1
Test Report No.:	492012567.003
File No.:	PVP11141/23P-02



TÜV NORD CERT GmbH
Certification Body
Consumer Products



Essen, 2023-12-27

Please also pay attention to the information stated overleaf.

Anlage 1 zum Zertifikat Nr.: / Annex 1 to Certificate No.: 44 780 23 406749 - 366R1M1

Seite / Page 1 von / of 1

Aktenzeichen: / File reference: PVP11141/23P-02

2023-12-27

Manufacturer:

Manufacturer: **CSG PVTECH CO., LTD.**
XinJi Village, Machong Town, Dongguan City,
Guangdong Province, 523141, China.

Factory inspection report no.: 862010443.003

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 7" PERC Mono-crystalline Silicon Solar Cells: 156 cells: CSGxxxS2DGHC-156 (xxx= 575W - 615W, in increments of 5) 144 cells: CSGxxxS2DGHC-144 (xxx= 530W - 570W, in increments of 5) 120 cells: CSGxxxS2DGHC-120 (xxx= 440W - 475W, in increments of 5) 108 cells: CSGxxxS2DGHC-108 (xxx= 400W - 425W, in increments of 5) Remark: xxx indicates output power from the front side only.
Maximum system voltage:	1500V
Fuse rating:	25A
Electrical protection class:	Class II
Pollution degree:	1
Material group:	I
Design load (positive / negative):	3600Pa / 1600Pa
Safety factors:	1.5
Fire safety class:	Class C according to ANSI/UL 1703-2018 (as per ANSI/UL 790-2018)

Module types:	Double Glass PV Modules with 7" TOPCon Mono-crystalline Silicon Solar Cells: 156 cells: CSGxxxNS2DGHC-156 (xxx= 605W - 625W, in increments of 5) 144 cells: CSGxxxNS2DGHC-144 (xxx= 560W - 585W, in increments of 5) 120 cells: CSGxxxNS2DGHC-120 (xxx= 465W - 485W, in increments of 5) 108 cells: CSGxxxNS2DGHC-108 (xxx= 420W - 435W, in increments of 5) Remark: xxx indicates output power from the front side only.
Maximum system voltage:	1500V
Fuse rating:	30A
Electrical protection class:	Class II
Pollution degree:	1
Material group:	I
Design load (positive / negative):	3600Pa / 1600Pa
Safety factors:	1.5
Fire safety class:	Class C according to ANSI/UL 1703-2018 (as per ANSI/UL 790-2018)



TÜV NORD CERT GmbH
Certification Body
Consumer Products

Description of Rated Pmax:

Module types:	CSG400S2DGHC-108	CSG405S2DGHC-108	CSG410S2DGHC-108	CSG415S2DGHC-108
Rated Pmax at STC [W]	400	405	410	415
Rated Pmax at BNPI [W]	444	449	454	459

Module types:	CSG420S2DGHC-108	CSG425S2DGHC-108	CSG440S2DGHC-120	CSG445S2DGHC-120
Rated Pmax at STC [W]	420	425	440	445
Rated Pmax at BNPI [W]	464	469	490	495

Module types:	CSG450S2DGHC-120	CSG455S2DGHC-120	CSG460S2DGHC-120	CSG465S2DGHC-120
Rated Pmax at STC [W]	450	455	460	465
Rated Pmax at BNPI [W]	500	505	510	515

Module types:	CSG470S2DGHC-120	CSG475S2DGHC-120	CSG530S2DGHC-144	CSG535S2DGHC-144
Rated Pmax at STC [W]	470	475	530	535
Rated Pmax at BNPI [W]	520	525	585	590

Module types:	CSG540S2DGHC-144	CSG545S2DGHC-144	CSG550S2DGHC-144	CSG555S2DGHC-144
Rated Pmax at STC [W]	540	545	550	555
Rated Pmax at BNPI [W]	595	600	605	610

Module types:	CSG560S2DGHC-144	CSG565S2DGHC-144	CSG570S2DGHC-144	CSG575S2DGHC-156
Rated Pmax at STC [W]	560	565	570	575
Rated Pmax at BNPI [W]	615	620	625	636

Module types:	CSG580S2DGHC-156	CSG585S2DGHC-156	CSG590S2DGHC-156	CSG595S2DGHC-156
Rated Pmax at STC [W]	580	585	590	595

Rated Pmax at BNPI [W]	641	646	651	656
Module types:	CSG600S2DGHC -156	CSG605S2DGHC -156	CSG610S2DGHC -156	CSG615S2DGHC -156
Rated Pmax at STC [W]	600	605	610	615
Rated Pmax at BNPI [W]	661	666	671	676
Module types:	CSG420NS2DGH C-108	CSG425NS2DGH C-108	CSG430NS2DGH C-108	CSG435NS2DGH C-108
Rated Pmax at STC [W]	420	425	430	435
Rated Pmax at BNPI [W]	464	469	474	479
Module types:	CSG465NS2DGH C-120	CSG470NS2DGH C-120	CSG475NS2DGH C-120	CSG480NS2DGH C-120
Rated Pmax at STC [W]	465	470	475	480
Rated Pmax at BNPI [W]	515	520	525	530
Module types:	CSG485NS2DGH C-120	CSG560NS2DGH C-144	CSG565NS2DGH C-144	CSG570NS2DGH C-144
Rated Pmax at STC [W]	485	560	565	570
Rated Pmax at BNPI [W]	535	615	620	625
Module types:	CSG575NS2DGH C-144	CSG580NS2DGH C-144	CSG585NS2DGH C-144	CSG605NS2DGH C-156
Rated Pmax at STC [W]	575	580	585	605
Rated Pmax at BNPI [W]	630	635	640	666
Module types:	CSG610NS2DGH C-156	CSG615NS2DGH C-156	CSG620NS2DGH C-156	CSG625NS2DGH C-156
Rated Pmax at STC [W]	610	615	620	625
Rated Pmax at BNPI [W]	671	676	681	686

Remark:

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