TÜVNORD

To / 致:		From / 自:	
Company / 公司:	Sunova Solar Technology Co., Ltd.	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. Miao Lingzhu	Contact / 联系人:	Ms. Serena.Wu / 邬玉婷 小姐
Email / 邮箱:	Mary.miao@sunova-solar.com	Email / 邮箱:	sewu@tuv-nord.com

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

File No.: 项目号:	PVP01092/24P-02
License holder: 持证人:	**Sunova Solar Technology Co., Ltd.**
Certificate No.: 证书号:	44 780 24 406749 - 170R1M2
Product: 产品:	Crystalline Silicon Terrestrial Photovoltaic (PV) Modules 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 2024-12-18.
特此声明，上述证书自 2024 年 12 月 18 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 24 406749 - 170R2A1M3___) has (have) been issued to replace the cancelled one(s).
新证书（证书号：_44 780 24 406749 - 170R2A1M3__）签发，取代旧证书。

☐ Certificate(s) is (are) expired.
证书有效期满。

☐ 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：_____

TÜVNORD

Please pay attention to stop using the invalid certificate(s) from 2024-12-18. Meanwhile, please send back the original copies of above mentioned certificate(s) to us.

请注意从 2024 年 12 月 18 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

Serena.Wu / 邬玉婷

Technical Support / 技术支持

CERTIFICATE

TÜV NORD CERT GmbH
herewith declares that

Yuncheng Solar Technology Co., Ltd.
Building H, Phase II, Standard Workshop, Runzhou Road, Huishan Industrial Transformation and Agglomeration Area 214115 Wuxi, Jiangsu Province, P.R. 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: 2024-12-18
Valid until: 2029-04-28

Certification program:	P12-VA-01 Rev. 17 09.20
Certification fundamental(s):	IEC 61215-1:2021 / EN IEC 61215-1:2021; IEC 61215-1-1:2021 / EN IEC 61215-1-1:2021; IEC 61215-2:2021 / EN IEC 61215-2:2021; IEC 61730-1:2023; IEC 61730-2:2023.
Registered No.:	44 780 24 406749 - 170R2A1M3
Manufacturer and factory(-ies):	See Annex 1
Test Report No.:	492013047.004
File No.:	PVP11131/24P-01

TÜV NORD CERT GmbH
Certification Body
Consumer Products

Essen, 2024-12-18

Please also pay attention to the information stated overleaf.

TÜV NORD CERT GmbH
Am TÜV 1
Fon +49 (0)201 825 5120
D-45307 Essen
Fax +49 (0)201 825 3209
www.tuev-nord-cert.de
prodcert@tuev-nord.de

Manufacturer and factory(-ies):

Manufacturer:	**Yuncheng Solar Technology Co., Ltd.** Building H, Phase II, Standard Workshop, Runzhou Road, Huishan Industrial Transformation and Agglomeration Area 214115 Wuxi, Jiangsu Province, P.R. China
Factory 1:	**Yuncheng Solar Technology Co., Ltd.** Building H, Phase II, Standard Workshop, Runzhou Road, Huishan Industrial Transformation and Agglomeration Area 214115 Wuxi, Jiangsu Province, P.R. China
Factory inspection report no.:	862010664.002
[illegible]	[illegible]
[illegible]	[illegible]

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:	**PV Modules with Half-cut 182mm n-type Mono-crystalline Silicon Solar Cells:** [illegible] 156 cells: SS-xxx-78MDH(T) (xxx = 610-635, in increment of 5) [illegible] 144 cells: SS-xxx-72MDH(T) (xxx = 565-600, in increment of 5) [illegible] 132 cells: SS-xxx-66MDH(T) (xxx = 520-550, in increment of 5) [illegible] 120 cells: SS-xxx-60MDH(T) (xxx = 470-500, in increment of 5) [illegible] 108 cells: SS-xxx-54MDH(T) (xxx = 425-450, in increment of 5)
Maximum system voltage:	1500V
Maximum overcurrent protection rating:	25A
Electrical protection class:	Class II
Pollution degree:	1
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

Module types:	**PV Modules with Half-cut 210mm n-type Mono-crystalline Silicon Solar Cells:**
	[illegible]
	132 Cells: SS-xxx-66MDH-G12(T) (xxx = 680-710, in increment of 5)
	[illegible]
	120 Cells: SS-xxx-60MDH-G12(T) (xxx = 620-645. in increment of 5)
Maximum system voltage:	1500V
Maximum overcurrent protection rating:	30A
Electrical protection class:	Class II
Pollution degree:	1
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:	**PV Modules with Half-cut 182.2mm x 191.6mm n-type Mono-crystalline Silicon Solar Cells:**
	[illegible]
	144 cells: SS-xxx-72MDH-G10(T) (xxx = 595-615, in increment of 5)
	[illegible]
	132 cells: SS-xxx-66MDH-G10 (T) (xxx = 545-560, in increment of 5)
	[illegible]
	120 cells: SS-xxx-60MDH-G10(T) (xxx = 495-510, in increment of 5)
	[illegible]

TÜV NORD CERT GmbH
Certification Body
Consumer Products

	[illegible] 108 cells: SS-xxx-54MDH-G10(T) (xxx 445-460, in increment of 5)
Maximum system voltage:	1500V
Maximum overcurrent protection rating:	25A
Electrical protection class:	Class II
Pollution degree:	1
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:	**PV Modules with Half-cut 182.2mm x 199mm n-type Mono-crystalline Silicon Solar Cells:** [illegible] 144 cells: SS-xxx-72MDH-G13(T) (xxx = 615-640, in increment of 5) [illegible] 132 cells: SS-xxx-66MDH-G13(T) (xxx = 565-585, in increment of 5) [illegible] 120 cells: SS-xxx-60MDH-G13(T) (xxx = 515-530, in increment of 5) [illegible] 108 cells: SS-xxx-54MDH-G13(T) (xxx 460-480, in increment of 5)
Maximum system voltage:	1500V
Maximum overcurrent protection rating:	25A

TÜV NORD CERT GmbH
Certification Body
Consumer Products

Electrical protection class:	Class II
Pollution degree:	1
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:

PV Modules with Half-cut 182.2mm x 210mm n-type Mono-crystalline Silicon Solar Cells:

132 cells: SS-xxx-66MDH-G11(T) (xxx = 595-620, in increment of 5)

120 cells: SS-xxx-60MDH-G11(T) (xxx = 545-565, in increment of 5)

108 cells: SS-xxx-54MDH-G11(T) (xxx = 485-505, in increment of 5)

96 cells: SS-xxx-48MDH-G11(T)(xxx = 435-450, in increment of 5)

Maximum system voltage:	1500V
Maximum overcurrent protection rating:	25A
Electrical protection class:	Class II
Pollution degree:	1
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

Am TÜV 1 • D-45307 Essen • Fon +49 (0)201 825 5120 • Fax +49 (0)201 825 3209 • Email: prodcert@tuev-nord.de

Module types:	**PV Modules with Half-cut 182.2mm x 169.25mm n-type Mono-crystalline Silicon Solar Cells:** [illegible] 156 cells: SS-xxx-78MDH-G7(T) (xxx = 560-595 in increment of 5) [illegible] 144 cells: SS-xxx-72MDH-G7(T) (xxx =515-550, in increment of 5) [illegible] 120 cells: SS-xxx-60MDH-G7(T) (xxx = 430-455, in increment of 5)
Maximum system voltage:	1500V
Maximum overcurrent protection rating:	25A
Electrical protection class:	Class II
Pollution degree:	1
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)

Remark:

For detailed product information, please refer to CDF (Constructional Data Form) attached to test report with same file no.

TÜV NORD CERT GmbH
Certification Body
Consumer Products