

CERTIFICATE

TÜV NORD CERT GmbH
herewith declares that

CHONGQING HG NEW ENERGY GROUP CO., LTD
No.633 Chengnan Avenue, Banqiao Industrial Park,
Rongchang District, Chongqing,
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: 2023-07-24

Valid until: 2028-07-23

Certification program:	P12-VA-01 Rev. 17 09.20
Certification fundamental(s):	IEC / EN 61215-1:2016; IEC / EN 61215-1-1:2016; IEC 61215-2:2016 / EN 61215-2:2017 + AC:2017 + AC:2018; 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 - 205
Manufacturer:	see Annex 1
Test Report No.:	492012557.001
File No.:	PVP02025/23P-01



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Certification Body
Consumer Products

Essen, 2023-07-24

Please also pay attention to the information stated overleaf.

Anlage 1 zum Zertifikat Nr.: / Annex 1 to Certificate No.: 44 780 23 406749 - 205

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Aktenzeichen: / File reference: PVP02025/23P-01

2023-07-24

Manufacturer:

Manufacturer: **CHONGQING HG NEW ENERGY GROUP CO., LTD**
No.633 Chengnan Avenue, Banqiao Industrial Park, Rongchang District,
Chongqing, China

Factory inspection report no.: 862010780.001

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:	PV Modules with Half-cut 166mm Mono-crystalline Silicon Solar Cells: 120 cells: HG-Lxxx-60BW (xxx=350-365, in steps of 5) 120 cells: HG-Lxxx-60BWB (xxx=350-365, in steps of 5) 120 cells: HG-Lxxx-60BWE (xxx=350-365, in steps of 5) 120 cells: HG-Lxxx-60BWH (xxx=350-365, in steps of 5) 96 cells: HG-Lxxx-48BW (xxx=280-290, in steps of 5) 96 cells: HG-Lxxx-48BWB (xxx=280-290, in steps of 5) 96 cells: HG-Lxxx-48BWE (xxx=280-290, in steps of 5) 96 cells: HG-Lxxx-48BWH (xxx=280-290, in steps of 5)
Maximum system voltage:	1500V
Fuse rating:	25A
Electrical protection class:	Class II
Pollution degree:	1
Material group:	I
Design load (positive / negative):	1600Pa / 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 182mm Mono-crystalline Silicon Solar Cells: 120 cells: HG-Lxxx-60CW (xxx=420-455, in steps of 5) 120 cells: HG-Lxxx-60CWB (xxx=420-455, in steps of 5) 120 cells: HG-Lxxx-60CWE (xxx=420-455, in steps of 5) 120 cells: HG-Lxxx-60CWH (xxx=420-455, in steps of 5) 108 cells: HG-Lxxx-54CW (xxx=380-410, in steps of 5) 108 cells: HG-Lxxx-54CWB (xxx=380-410, in steps of 5) 108 cells: HG-Lxxx-54CWE (xxx=380-410, in steps of 5) 108 cells: HG-Lxxx-54CWH (xxx=380-410, in steps of 5) 72 cells: HG-Lxxx-36CW (xxx=250-270, in steps of 5) 72 cells: HG-Lxxx-36CWB (xxx=250-270, in steps of 5) 72 cells: HG-Lxxx-36CWE (xxx=250-270, in steps of 5) 72 cells: HG-Lxxx-36CWH (xxx=250-270, in steps of 5)
Maximum system voltage:	1500V
Fuse rating:	25A



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Electrical protection class:	Class II
Pollution degree:	1
Material group:	I
Design load (positive / negative):	1600Pa / 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) in Annex 1 of test report.



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