

CERTIFICATE

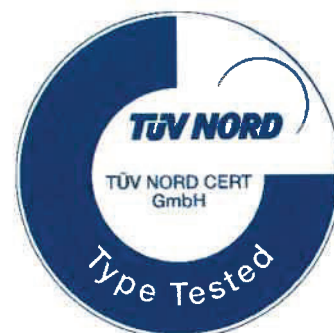
TÜV NORD CERT GmbH
herewith declares that

Viessmann Climate Solutions SE
Viessmannstrasse 1
35108 Allendorf
Germany

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: 2023-05-15

Valid until: 2027-10-19

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 19 406749 - 260R6A1M6
Manufacturer:	see Annex 1
Test Report No.:	492011265.007
File No.:	PVP02187/23P-01

A handwritten signature in blue ink.

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Essen, 2023-05-15

Please also pay attention to the information stated overleaf.

Description of product(s):

Module types:

PV Modules with Segmented 6" PERC Mono-crystalline Silicon Solar Cells

408 cells: Vitovolt 300 Mxxx WF (xxx = 460-505, in increment of 5)

408 cells: Vitovolt 300 Mxxx WF Allblack (xxx = 460-500, in increment of 5)

408 cells: Vitovolt 300 Mxxx WF Blackframe (xxx = 460-505, in increment of 5)

340 cells: Vitovolt 300 Mxxx WE (xxx = 380-420, in increment of 5)

340 cells: Vitovolt 300 Mxxx WK (xxx = 380-420, in increment of 5)

340 cells: Vitovolt 300 Mxxx WE Allblack (xxx = 380-415, in increment of 5)

340 cells: Vitovolt 300 Mxxx WK Allblack (xxx = 380-415, in increment of 5)

340 cells: Vitovolt 300 Mxxx WE Blackframe (xxx = 380-420, in increment of 5)

340 cells: Vitovolt 300 Mxxx WK Blackframe (xxx = 380-420, in increment of 5)

360 cells: Vitovolt 300 Mxxx WG (xxx = 370-400, in increment of 5)

360 cells: Vitovolt 300 Mxxx WG Allblack (xxx = 370-400, in increment of 5)

360 cells: Vitovolt 300 Mxxx WG Blackframe (xxx = 370-400, in increment of 5)

Maximum system voltage: 1500V

Fuse rating: 20A

Electrical protection class: Class II

Pollution degree: 1

Material group: III or II or I, refer to test report for details

Design load (positive / negative): 2400Pa / 2400Pa or 3600Pa / 1600Pa, refer to test report for details

Safety factors: 1.5

Fire safety class: Class C according to ANSI/UL 1703-2018 (as per ANSI/UL 790-2018)

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Module types:

PV Modules with Segmented 8" PERC Mono-crystalline Silicon Solar Cells

345 cells: Vitovolt 300 Mxxx WI (xxx = 535-555, in increment of 5)

320 cells: Vitovolt 300 Mxxx WL (xxx = 425-445, in increment of 5)

320 cells: Vitovolt 300 Mxxx WL Blackframe (xxx = 425-445, in increment of 5)

320 cells: Vitovolt 300 Mxxx WL Allblack (xxx = 420-440, in increment of 5)

305 cells: Vitovolt 300 Mxxx WM (xxx = 405-425, in increment of 5)

305 cells: Vitovolt 300 Mxxx WM Blackframe (xxx = 405-425, in increment of 5)

305 cells: Vitovolt 300 Mxxx WM Allblack (xxx = 400-420, in increment of 5)

Maximum system voltage:

1500V

Fuse rating:

30A or 25A, refer to test report for details

Electrical protection class:

Class II

Pollution degree:

1

Material group:

III or II or I, refer to test report for details

Design load (positive / negative):

3600Pa / 1600Pa, refer to test report for details

Safety factors:

1.5

Fire safety class:

Class C according to ANSI/UL 1703-2018 (as per ANSI/UL 790-2018)



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Module types:	PV Modules with Half-cut 7" PERC Mono-crystalline Silicon Solar Cells:
	144 cells: Vitovolt 300 Mxxx WR (xxx = 525-570, in increment of 5)
Maximum system voltage:	1500V
Fuse rating:	25A or 20A, refer to CDF for details
Electrical protection class:	Class II
Pollution degree:	1
Material group:	I
Design load (positive / negative):	3600Pa / 1600Pa, refer to CDF for details
Safety factors:	1.5
Fire safety class:	Class C according to ANSI/UL 1703-2018 (as per ANSI/UL 790-2018)



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Module types:	PV Modules with Half-cut 7" TOPCon Mono-crystalline Silicon Solar Cells: 108 cells: Vitovolt 300 Mxxx WP(xxx = 395-440, in increment of 5) 108 cells: Vitovolt 300 Mxxx WP Blackframe(xxx = 395-440, in increment of 5) 108 cells: Vitovolt 300 Mxxx WP Allblack (xxx = 395-440, in increment of 5)
Maximum system voltage:	1500V
Fuse rating:	25A or 20A, refer to CDF for details
Electrical protection class:	Class II
Pollution degree:	1
Material group:	I
Design load (positive / negative):	3600Pa / 1600Pa, refer to CDF for details
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 test report.



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