

# Factory Inspection Certificate

**Registered No.: PVP07035/22P-02**

**Name and address of the customer**

**Viessmann Climate Solutions SE**  
Viessmannstrasse 1, 35108 Allendorf, Germany

**Description of the product**

**Crystalline Silicon Terrestrial Photovoltaic (PV) Modules**

**Manufacturing plant**

**Tongwei Solar (Hefei) Co., Ltd.**  
No.888, Changning Road, High-tech District,  
Hefei City, Anhui Province, 230088, P.R. China

**Production processes carried out at the inspected plant**

Stringing  
☒

Lamination  
☒

Lay-up  
☒

Electrical Tests  
☒

**Factory inspection report no.:**

862010358.005  
Please refer to factory inspection report for detailed information.

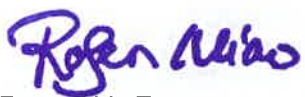
**Date of inspection:**

**2021-09-09**

**In accordance to**

P12-VA-01-A5 Rev. 11/12.19 "surveillance of production sites and certified products"

The manufacturing plant is under a periodic factory surveillance programme in the frame of TÜV NORD type approval certification according to the standard(s) in the annex.



Renewable Energy  
TÜV NORD (Hangzhou) Co., Ltd.  
Shanghai, 2022-08-18

Please also pay attention to the information stated overleaf.



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## Description of product(s):

**Module type(s):**

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

408 cells: Vitovolt 300 Mxxx WF (xxx = 460-500, in increment of 5)  
340 cells: Vitovolt 300 Mxxx WE (xxx = 380-415, in increment of 5)  
340 cells: Vitovolt 300 Mxxx WK (xxx = 380-415, in increment of 5)  
360 cells: Vitovolt 300 Mxxx WG (xxx = 370-400, in increment of 5)

**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 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 Allblack (xxx = 400-420, in increment of 5)

**Certificate(s):** 44 780 19 406749 - 260R5M5

**Valid until:** 2027-10-19

**Standard(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.

**Serial no. regulations of the product:** Documented by file: Q/TW 1042.1, version V5.3, effect on: 2022-01-07  
Regulation: ABCDEFGYYMRRXXXXXX  
Example: BS5DMPM22806000030 or CS5DMPM22806000030

| Code   | Description of Code            | Example                                                                  |
|--------|--------------------------------|--------------------------------------------------------------------------|
| A      | Manufacturing plant identifier | B = Tongwei Solar (Hefei) M2 Plant<br>C = Tongwei Solar (Hefei) M3 Plant |
| B      | Module type identifier         | S = Single Glass Module                                                  |
| C      | Busbar numbers identifier      | 5 = Cell with 5 Busbars                                                  |
| D      | Cell shape identifier          | D = Chamfered battery slice                                              |
| E      | Crystalline type identifier    | M = Mono-crystalline Silicon Solar Cell                                  |
| F      | Cell type identifier           | P = PERC                                                                 |
| G      | Workorder identifier           | M = Batch Workorder                                                      |
| YY     | Year                           | 22 = 2022                                                                |
| M      | Month                          | 8 = August                                                               |
| RR     | Workorder running number       | 06 = The Sixth Workorder                                                 |
| XXXXXX | Running number                 | 000030 = The 30 <sup>th</sup> Module                                     |



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