

# Certificate of Conformity (COC)



Certificate Holder : TommaTech GmbH  
Zeppelinstr. 14 - 85748 Garching b.München, Germany

Date of Original Issue : 2025-08-16

Date of Last Revision : --

Date of Expiry : 2028-08-15

Certificate Number : PCS-25-1153

Product : Grid-connected PV Inverter

Ratings : See appendix on page 2 and page 3

Brand/Trademark :



Model(s) : See appendix on page 2 and page 3

Test Laboratory : SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

Testing Report : GZES250701408401 and GZES250701408402

Test Standard : IEC 61683:1999, IEC 60068-2-1:2007, IEC 60068-2-2:2007, IEC 60068-2-14:2009  
and IEC 60068-2-30:2005



This is to certify that the product has been tested and was found to comply with the requirements of the standard(s).  
The above-mentioned product is certified according to the requirements of ISO/IEC 17065:2012.

Christopher Hee  
Certification Officer



SGS Testing & Control Services Singapore Pte Ltd  
30 Boon Lay Way #03-01 Singapore 609957



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| Model                                              | UNO-H-3.6-N                        | UNO-H-4.0-N | UNO-H-4.2-N | UNO-H-4.6-N |
|----------------------------------------------------|------------------------------------|-------------|-------------|-------------|
| PV Input                                           |                                    |             |             |             |
| Max. PV Input Power (kW)                           | 5.4                                | 6.0         | 6.3         | 6.9         |
| Max. PV Input Voltage (V)                          | 550                                |             |             |             |
| Start-up Voltage (V)                               | 80                                 |             |             |             |
| MPPT Voltage Range (V)                             | 70-500                             |             |             |             |
| Rated Input Voltage (V)                            | 360                                |             |             |             |
| Full Load MPPT Voltage Range (V)                   | 130-500                            | 145-500     | 150-500     | 165-500     |
| Max. Input Short-Circuit Current (A)               | 2*27                               |             |             |             |
| Max. Operating PV Input Current (A)                | 2*18                               |             |             |             |
| No. of MPP Trackers/No. of Strings per MPP Tracker | 2/1+1                              |             |             |             |
| AC Output                                          |                                    |             |             |             |
| Rated AC Output Active Power (W)                   | 3600                               | 4000        | 4200        | 4600        |
| Max. AC Output Apparent Power (VA)                 | 3960                               | 4400        | 4620        | 5060        |
| Rated AC Output Current (A)                        | 15.7                               | 17.4        | 18.3        | 20.0        |
| Max. AC Output Current (A)                         | 17.3                               | 19.2        | 20.1        | 22.0        |
| Rated Output Voltage (V)                           | 230                                |             |             |             |
| Grid Connection Form                               | L/N/PE                             |             |             |             |
| Rated Output Grid Frequency (Hz)                   | 50                                 |             |             |             |
| Power Factor Adjustment Range                      | 0.8 leading to 0.8 lagging         |             |             |             |
| General Data                                       |                                    |             |             |             |
| Operating Temperature Range                        | -25 °C to + 60 °C, >45 °C derating |             |             |             |
| Topology                                           | Non-Isolated                       |             |             |             |
| Ingress Protection                                 | IP65                               |             |             |             |
| Protective Class                                   | Class I                            |             |             |             |
| Cooling Method                                     | Natural cooling                    |             |             |             |



| Model                                              | UNO-H-5.0-N                        | UNO-H-5.2-N | UNO-H-6.0-N | UNO-H-6.2-N |
|----------------------------------------------------|------------------------------------|-------------|-------------|-------------|
| PV Input                                           |                                    |             |             |             |
| Max. PV Input Power (kW)                           | 7.5                                | 7.8         | 9.0         | 9.3         |
| Max. PV Input Voltage (V)                          | 550                                |             |             |             |
| Start-up Voltage (V)                               | 80                                 |             |             |             |
| MPPT Voltage Range (V)                             | 70-500                             |             |             |             |
| Rated Input Voltage (V)                            | 360                                |             |             |             |
| Full Load MPPT Voltage Range (V)                   | 180-500                            | 190-500     | 215-500     | 225-500     |
| Max. Input Short-Circuit Current (A)               | 2*27                               |             |             |             |
| Max. Operating PV Input Current (A)                | 2*18                               |             |             |             |
| No. of MPP Trackers/No. of Strings per MPP Tracker | 2/1+1                              |             |             |             |
| AC Output                                          |                                    |             |             |             |
| Rated AC Output Active Power (W)                   | 5000                               | 5200        | 6000        | 6200        |
| Max. AC Output Apparent Power (VA)                 | 5500                               | 5720        | 6600        | 6820        |
| Rated AC Output Current (A)                        | 21.8                               | 22.7        | 26.1        | 27.0        |
| Max. AC Output Current (A)                         | 24.0                               | 24.9        | 28.7        | 29.7        |
| Rated Output Voltage (V)                           | 230                                |             |             |             |
| Grid Connection Form                               | L/N/PE                             |             |             |             |
| Rated Output Grid Frequency (Hz)                   | 50                                 |             |             |             |
| Power Factor Adjustment Range                      | 0.8 leading to 0.8 lagging         |             |             |             |
| General Data                                       |                                    |             |             |             |
| Operating Temperature Range                        | -25 °C to + 60 °C, >45 °C derating |             |             |             |
| Topology                                           | Non-Isolated                       |             |             |             |
| Ingress Protection                                 | IP65                               |             |             |             |
| Protective Class                                   | Class I                            |             |             |             |
| Cooling Method                                     | Natural cooling                    |             |             |             |

