



# Certificate of compliance

**Applicant:** TommaTech GmbH  
Angerlweg 14 c/o Kuhlmann, Tomma 85748 Garching b. München  
Germany

**Product:** Photovoltaic (PV) and battery inverter

**Model:** INV-TT-TF-M50K, INV-TT-TF-M40K, INV-TT-TF-M35K, INV-TT-TF-M30K, INV-TT-TF-M29.9K

Inverter for three-phase parallel connection to the public grid. The network monitoring and disconnection device is an integral part of the above-mentioned model.

## Applied rules and standards:

### EN 50549-1:2019

Requirements for parallel connection of installations with distribution networks - Part 1: Connection to an LV distribution network - Production of installations up to and including Type B

- 4.4 Normal operating range
- 4.5 Immunity to disturbances
- 4.6 Active response to frequency deviation
- 4.7 Power response to voltage variations and voltage changes
- 4.8 EMC and power quality
- 4.9 Interface protection
- 4.10 Connection and starting to generate electrical power
- 4.11 Ceasing and reduction of active power on set point
- 4.13 Requirements regarding single fault tolerance of interface protection system and interface switch

### DIN VDE V 0124-100:2020 (5.5.2.1 Functional safety of network and system protection)

Grid integration of generator plants - Low-voltage - Test requirements for generator units to be connected to and operated in parallel with low voltage distribution networks

### Commission Regulation (EU) 2016/631 of 14 April 2016


Establishing a network code on requirements for grid connection of generators (NC RFG).

Type approval for generation units to use in type A and B

At the time of issue of this certificate, the safety concept of an aforementioned representative product corresponds to the valid safety specifications for the specified use in accordance with regulations.

**Report number:** ASUE-ESH-P23120952 **Certification Program:** NSOP-0032-DEU-ZE-V01  
**Certificate number:** U23-1205 **Date of issue:** 2024-01-02

Certification body

  
Domenik Koll  
Head of Energy Systems



Certification body Bureau Veritas Consumer Products Services Germany GmbH accreditation to DIN EN ISO/IEC 17065

Testing laboratory accredited according to DIN EN ISO/IEC 17025

A partial representation of the certificate requires the written approval of Bureau Veritas Consumer Products Services Germany GmbH