

# Certificate of Conformity (COC)



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

Date of Original Issue : 2026-05-28


Date of Last Revision : --

Date of Expiry : 2029-05-27

Certificate Number : PCS-26-1110

Product : Grid-connected PV Inverter

Ratings : See appendix on page 2

Brand/Trademark :   
GERMAN-based company

Model(s) : Trio Force 70K, Trio Force 75K, Trio Force 80K, Trio Force 90K, Trio Force 100K,  
Trio Force 110K

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

Testing Report : GZGC260400025201, GZGC260400025202, GZGC260400025203 and GZGC260400025204

Test Standard : IEC 61727:2004, IEC 62116:2014, 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



Model	Trio Force 70K	Trio Force 75K	Trio Force 80K	Trio Force 90K	Trio Force 100K	Trio Force 110K
<b>Input (PV)</b>						
Max. PV Input Power (kW)	91.0	97.5	104.0	135.0	150.0	150.0
Max. PV Input Voltage (V)	1000					
Rated Input Voltage (V)	600					
Start-up Voltage (V)	250					
MPPT Voltage Range (V)	200~850					
Full Load MPPT Voltage Range (V)	460~850					
Max. Input Short Circuit Current (A)	60+60+60+60			60+60+60+60+60+60		
Max. Operating PV Input Current (A)	40+40+40+40			40+40+40+40+40+40		
Number of MPPT/Strings per MPPT	4/4+4+4+4			6/4+4+4+4+4+4		
<b>Output (AC)</b>						
Rated Active Power (kW)	70.0	75.0	80.0	90.0	100.0	110.0
Max. Apparent Power (kVA)	77.0	82.5	88.0	99.0	110.0	121.0
Rated Output Current (A)	101.5	108.7	115.9	130.4	144.9	159.4
Max. Output Current (A)	111.6	119.6	127.5	143.5	159.4	175.4
Nominal Grid Voltage (V)	230/400, 3L/N/PE					
Nominal Frequency (Hz)	50/60					
Power Factor	0.8 leading to 0.8 lagging					
<b>General Data</b>						
Operating Temperature Range	-25 °C ~ +60 °C, > 45 °C derating					
Degree of Protection	IP65					
Protective Level	Class I					

