

Certificate of Conformity (COC)



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

Date of Original Issue : 2026-04-17

Date of Last Revision : --

Date of Expiry : 2029-04-16

Certificate Number : PCS-26-1090

Product : Grid-connected PV Inverter

Ratings : See appendix on page 2

Brand/Trademark : 
GERMAN-based company

Model(s) : Trio Castor 18K, Trio Castor 20K, Trio Castor 22K, Trio Castor 23K, Trio Castor 25K

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

Testing Report : GZGC260400022101, GZGC260400022102, GZGC260400022103 and GZGC260400022104

Test Standard : IEC 62116:2014, IEC 61727:2004, 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 Castor 18K	Trio Castor 20K	Trio Castor 22K	Trio Castor 23K	Trio Castor 25K
Input (PV)					
Max. Input Power (kW)	23.4	26.0	28.6	29.9	32.5
Max. Input Voltage (V)	1100				
Start-up Input Voltage (V)	250				
MPPT Operating Range (V)	200 ~ 1000				
Max. Input Current (A)	26+26				
Max. Short Circuit Current (A)	39+39				
Output (AC)					
Rated Active Power (kW)	18.0	20.0	22.0	23.0	25.0
Max. Apparent Power (kVA)	19.8	22.0	24.2	25.3	27.5
Rated Output Current (A)	26.1	29.0	31.9	33.4	36.2
Max. Output Current (A)	28.7	31.9	35.1	36.7	39.8
Nominal Grid Voltage (V)	230/400, 3L/N/PE				
Nominal Frequency (Hz)	50/60				
Power Factor	0.8 leading ~ 0.8 lagging				
General Data					
Topology	Transformerless				
Operating Temperature Range	-25 °C ~ +60 °C, >45 °C derating				
Degree of Protection	IP65				
Protective Level	Class I				

