

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-26-1111

Product : Grid-connected PV Inverter

Ratings : See appendix on page 2

Brand/Trademark : 
GERMAN-based company

Model(s) : Trio Grand 120K, Trio Grand 125K, Trio Grand 130K, Trio Grand 135K, Trio Grand 136K

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

Testing Report : GZGC260400025301, GZGC260400025302, GZGC260400025303 and GZGC260400025304

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



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Model	Trio Grand 120K	Trio Grand 125K	Trio Grand 130K	Trio Grand 135K	Trio Grand 136K
Input (PV)					
Max. PV Power (kW)	180.0	187.5	195.0	202.5	204.0
Max. PV Input Voltage (V)	1100				
Rated Input Voltage (V)	600				
Start-up PV Input Voltage (V)	250				
MPPT Operating Range (V)	200 ~ 1000				
MPPT Full Power Voltage Range (V)	550 ~ 850				
Max. Input Current (A)	40+40+40+40+40+40+40+40				
Max. Short Circuit Current (A)	60+60+60+60+60+60+60+60				
Number of MPPT/Strings per MPPT	8/4+4+4+4+4+4+4+4				
Output (AC)					
Rated Active Power (kW)	120	125	130	135	136
Max. Apparent Power (kVA)	132	135	135	135	136
Rated AC Output Current (A)	174.0	181.2	188.5	195.7	197.2
Max. Output Current (A)	191.4	195.7	195.7	195.7	197.2
Nominal Grid Voltage (V)	230/400, 3L/N/PE				
Nominal Frequency (Hz)	50/60				
Power Factor	0.8 leading to 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				
Cooling	Intelligent air cooling				

