

Certificate of Conformity (COC)



Certificate Holder : TommaTech GmbH
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Date of Original Issue : 2026-04-03


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Certificate Number : PCS-26-1066

Product : Grid-connected PV Inverter

Ratings : See appendix on page 2 to page 4

Brand/Trademark : 
GERMAN-based company

Models : Trio Inova 3K-O, Trio Inova 4K-O, Trio Inova 5K-O, Trio Inova 6K-O, Trio Inova 7K-O, Trio Inova 8K-O, Trio Inova 9K-O, Trio Inova 10K-O, Trio Inova 12K-O, Trio Inova 15K-O, Trio Inova 3K, Trio Inova 4K, Trio Inova 5K, Trio Inova 6K, Trio Inova 7K, Trio Inova 8K, Trio Inova 9K, Trio Inova 10K, Trio Inova 12K, Trio Inova 15K

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

Testing Report : GZGC260300011001, GZGC260300011002, GZGC260300011003 and GZGC260300011004

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 Inova 3K-O	Trio Inova 4K-O	Trio Inova 5K-O	Trio Inova 6K-O
	Trio Inova 3K	Trio Inova 4K	Trio Inova 5K	Trio Inova 6K
PV Input				
Max. PV Input Power (kW)	4.5	6.0	7.5	9.0
Max. Input Voltage (V)	1100			
Start-up Operating Voltage (V)	140			
Rated Input Voltage (V)	600			
MPPT Operating Voltage Range (V)	120-1000			
Full Power MPPT Voltage Range (V)	350-850			
Max. Input Current (A)	20+20			
Max. Short Circuit Current (A)	30+30			
AC Output				
Nominal Grid Voltage (V)	3L/N/PE, 230/400			
Nominal Grid Frequency (Hz)	50/60			
Rated AC Power (kW)	3.0	4.0	5.0	6.0
Max. Apparent Power (kVA)	3.3	4.4	5.5	6.6
Rated AC Current (A)	4.4	5.8	7.3	8.7
Max. AC Current (A)	4.8	6.4	8.0	9.6
Power Factor	0.8 leading~0.8 lagging			
General Data				
Operating Temperature Range	-25 ~ +60 °C, >+45 °C derating			
Protection Degree	IP65			
Protective Class	Class I			
Cooling Method	Natural cooling			
Topology	Non-Isolated			



Model	Trio Inova 7K-O	Trio Inova 8K-O	Trio Inova 9K-O	Trio Inova 10K-O
	Trio Inova 7K	Trio Inova 8K	Trio Inova 9K	Trio Inova 10K
PV Input				
Max. PV Input Power (kW)	10.5	12.0	13.5	15.0
Max. Input Voltage (V)	1100			
Start-up Operating Voltage (V)	140			
Rated Input Voltage (V)	600			
MPPT Operating Voltage Range (V)	120~1000			
Full Power MPPT Voltage Range (V)	480~850			
Max. Input Current (A)	20+20			
Max. Short Circuit Current (A)	30+30			
AC Output				
Nominal Grid Voltage (V)	3L/N/PE, 230/400			
Nominal Grid Frequency (Hz)	50/60			
Rated AC Power (kW)	7.0	8.0	9.0	10.0
Max. Apparent Power (kVA)	7.7	8.8	9.9	11.0
Rated AC Current (A)	10.2	11.6	13.1	14.5
Max. AC Current (A)	11.2	12.8	14.4	16.0
Power Factor	0.8 leading~0.8 lagging			
General Data				
Operating Temperature Range	-25 ~ +60 °C, >+45 °C derating			
Protection Degree	IP65			
Protective Class	Class I			
Cooling Method	Natural cooling			
Topology	Non-Isolated			



Model	Trio Inova 12K-O	Trio Inova 15K-O
	Trio Inova 12K	Trio Inova 15K
PV Input		
Max. PV Input Power (kW)	18.0	22.5
Max. Input Voltage (V)	1100	
Start-up Operating Voltage (V)	140	
Rated Input Voltage (V)	600	
MPPT Operating Voltage Range (V)	120~1000	
Full Power MPPT Voltage Range (V)	480~850	
Max. Input Current (A)	20+20	20+26
Max. Short Circuit Current (A)	30+30	30+39
AC Output		
Nominal Grid Voltage (V)	3L/N/PE, 230/400	
Nominal Grid Frequency (Hz)	50/60	
Rated AC Power (kW)	12	15
Max. Apparent Power (kVA)	13.2	16.5
Rated AC Current (A)	17.4	21.8
Max. AC Current (A)	19.2	24.0
Output Power Factor	0.8 leading~0.8 lagging	
General Data		
Operating Temperature Range	-25 ~ 60 °C, >45 °C derating	
Protection Degree	IP65	
Protective Class	Class I	
Cooling Method	Natural cooling	
Topology	Non-Isolated	

