Certificate of Conformity (COC)

Certificate Holder	:	TommaTech GmbH Zeppelinstr. 14 85748 Garching b.München, Germany
Date of Original Issue	:	2026-10-21
Date of Last Revision	:	--
Date of Expiry	:	2029-10-20
Certificate Number	:	PCS-26-1190
Product	:	Hybrid Inverter
Ratings	:	See appendix on page 2 and page 3
Brand/Trademark	:	
Model(s)	:	TRIO HYBRID LV 3.0F G2, TRIO HYBRID LV 4.0F G2, TRIO HYBRID LV 5.0F G2, TRIO HYBRID LV 6.0F G2, TRIO HYBRID LV 8.0F G2, TRIO HYBRID LV 10.0F G2, TRIO HYBRID LV 12.0F G2
Test Laboratory	:	SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch
Testing Report	:	GZGC261000062201 and GZGC261000062202
Test Standard	:	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

Accredited Certification Body
SAC
PD-2016-15

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APPENDIX

Certificate Number: PCS-26-1190

Product Model	TRIO HYBRID LV 3.0F G2	TRIO HYBRID LV 4.0F G2	TRIO HYBRID LV 5.0F G2	TRIO HYBRID LV 6.0F G2
Input (PV)				
Max. PV Array Power (W)	4800	6400	8000	9600
Max. PV Input Voltage (V)	800			
Start-up Voltage (V)	160			
PV Input Voltage Range (V)	160-800			
MPPT Operating Range (V)	200-650			
Full Load MPPT Voltage Range (V)	250-650			
Rated Input Voltage (V)	550			
Max. Operating PV Input Current (A)	20+20			
Max. Input Short-Circuit Current (A)	30+30			
No. of MPP Trackers/No. of Strings per MPP Tracker	2/1+1			
Battery				
Battery Type	Lead-acid or Lithium-ion			
Battery Voltage Range (V)	40-60			
Max. Charging Current (A)	70	95	120	135
Max. Discharging Current (A)	70	95	120	135
Number of Battery Input	1			
Output (AC)				
Rated Active Power (W)	3000	4000	5000	6000
Max. Apparent Power (VA)	3300	4400	5500	6600
Rated AC Output Current (A)	4.4	5.8	7.3	8.7
Max. Output Current (A)	4.8	6.4	8.0	9.6
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	Non-isolated			
Operating Temperature Range	-40 ºC ~ +60 ºC,> 45 ºC Derating			
Degree of Protection	IP65			
Protective Level	Class I			
Cooling Type	Intelligent Air Cooling			

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Certificate Number: PCS-26-1190

Product Model	TRIO HYBRID LV 8.0F G2	TRIO HYBRID LV 10.0F G2	TRIO HYBRID LV 12.0F G2
Input (PV)			
Max. PV Array Power (W)	12800	16000	19200
Max. PV Input Voltage (V)	800		
Start-up Voltage (V)	160		
PV Input Voltage Range (V)	160-800		
MPPT Operating Range (V)	200-650		
Full Load MPPT Voltage Range (V)	250-650	350-650	
Rated Input Voltage (V)	550		
Max. Operating PV Input Current (A)	20+20	26+26	
Max. Input Short-Circuit Current (A)	30+30	39+39	
No. of MPP Trackers/No. of Strings per MPP Tracker	2/1+1	2/2+2	
Battery			
Battery Type	Lead-acid or Lithium-ion		
Battery Voltage Range (V)	40-60		
Max. Charging Current (A)	190	210	240
Max. Discharging Current (A)	190	210	240
Number of Battery Input	1		
Output (AC)			
Rated Active Power (W)	8000	10000	12000
Max. Apparent Power (VA)	8800	11000	13200
Rated AC Output Current (A)	11.6	14.5	17.4
Max. Output Current (A)	12.8	16.0	19.2
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	Non-isolated		
Operating Temperature Range	-40 ºC ~ +60 ºC,> 45 ºC Derating		
Degree of Protection	IP65		
Protective Level	Class I		
Cooling Type	Intelligent Air Cooling		

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