Certificate of Conformity (COC)

Certificate Holder	:	TommaTech GmbH Zeppelinstr. 14 85748 Garching b.München, Germany
Date of Original Issue	:	2026-06-18
Date of Last Revision	:	--
Date of Expiry	:	2029-06-17
Certificate Number	:	PCS-26-1129
Product	:	Hybrid Inverter
Ratings	:	See appendix on page 2 and page 3
Brand/Trademark	:	
Model	:	Trio Hybrid S 5K HV AIO, Trio Hybrid S 6K HV AIO, Trio Hybrid S 8K HV AIO, Trio Hybrid S 10K HV AIO, Trio Hybrid S 12K HV AIO, Trio Hybrid S 15K HV AIO, Trio Hybrid S 20K HV AIO, Trio Hybrid S 25K HV AIO
Test Laboratory	:	SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch
Testing Report(s)	:	GZGC260500032503 and GZGC260500032504
Test Standard(s)	:	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

APPENDIX

Certificate Number: PCS-26-1129

Model	Trio Hybrid S 5K HV AIO	Trio Hybrid S 6K HV AIO	Trio Hybrid S 8K HV AIO	Trio Hybrid S 10K HV AIO
PV Input				
Max. Input Voltage (V)	1000			
Start-up Voltage (V)	180			
Rated Input Voltage(V)	600			
Full Power MPPT Voltage Range (V)	195~850	195~850	260~850	325~850
Max. Input Current (A)	20+20			
Max. Short Circuit Current (A)	30+30			
No. of MPP Trackers/ No. of Strings MPP Tracker	2/1+1			
Battery Input				
Battery Type	Lithium-ion			
Battery Voltage Range (V)	160~700			
Max. Charging/Discharging Current (A)	30	30	37	37
Number of Battery Input	1			
AC Output				
Nominal Grid Voltage (V)	3L+N+PE, 230/400			
Nominal Grid Frequency (Hz)	50/60			
Rated AC Power (kW)	5.0	6.0	8.0	10.0
Max. AC Apparent Power (kVA)	5.5	6.6	8.8	11.0
Rated AC Current (A)	7.3	8.7	11.6	14.5
Max. AC Current (A)	8.0	9.6	12.8	16.0
Output Power Factor	0.8 leading to 0.8 lagging			
General Data				
Operating Temperature Range	-40 ℃ ~ +60 ℃ (>+45 ℃ Derating)			
Protection Degree	IP65			
Protective Class	Class I			
Cooling Method	Natural Cooling		Intelligent Air Cooling	
Topology	Non-Isolated			

APPENDIX

Certificate Number: PCS-26-1129

Model	Trio Hybrid S 12K HV AIO	Trio Hybrid S 15K HV AIO	Trio Hybrid S 20K HV AIO	Trio Hybrid S 25K HV AIO
PV Input				
Max. Input Voltage (V)	1000			
Start-up Voltage (V)	180			
Rated Input Voltage (V)	600	600	600	700
Full Power MPPT Voltage Range (V)	340~850	420~850	500~850	625~850
Max. Input Current (A)	26+20	26+20	26+26	26+26
Max. Short Circuit Current (A)	39+30	39+30	39+39	39+39
No. of MPP Trackers/ No. of Strings MPP Tracker	2/2+1		2/2+2	
Battery Input				
Battery Type	Lithium-ion			
Battery Voltage Range (V)	160~700			
Max. Charging/Discharging Current (A)	37			50
Number of Battery Input	1			
AC Output				
Nominal Grid Voltage (V)	3L+N+PE, 230/400			
Nominal Grid Frequency (Hz)	50/60			
Rated AC Power (kW)	12.0	15.0	20.0	25.0
Max. AC Apparent Power (kVA)	13.2	16.5	22.0	27.5
Rated AC Current (A)	17.4	21.8	29.0	36.3
Max. AC Current (A)	19.2	24.0	31.9	39.9
Output Power Factor	0.8 leading to 0.8 lagging			
General Data				
Operating Temperature Range	-40 ℃ ~ +60 ℃ (>+45 ℃ Derating)			
Protection Degree	IP65			
Protective Class	Class I			
Cooling Method	Intelligent Air Cooling			
Topology	Non-Isolated			