Certificate of Conformity

Certificate Number: CN-PVES-260464

On the basis of the tests undertaken, the sample<s> of the below product have been found to comply with the requirements of the referenced specification<s>/standard<s> at the time the tests were carried out. It does not imply that Intertek has performed any surveillance or control of the manufacture(s). The manufacturer(s) shall ensure that the manufacturing process assures compliance of the production units with the examined products mentioned in this certificate.

Applicant:	TommaTech GmbH Zeppelinstr. 14 85748 Garching b.München, Germany
Product:	Hybrid Inverter
Ratings & Principle Characteristics:	See appendix of Certificate of Conformity
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, TRIO HYBRID LV 8.0F G2, TRIO HYBRID LV 10.0F G2, TRIO HYBRID LV 12.0F G2
Brand Name<s>:	TOMMATECH GmbH GERMAN-based company
Product Complies with:	IEC 61727:2004 IEC 62116:2014
Certificate Issuing Office Name & Address:	Intertek Testing Services Ltd. Shanghai West Area, 2nd Floor, No. 707, Zhangyang Road China (Shanghai) Pilot Free Trade Zone, Shanghai, P. R. China Accredited by ACCREDIA in accordance with ISO/IEC 17065:2012
Test Report No.<s>:	2610B0579SHA-001

Additional information in Appendix.

Signature

Certification Manager: Qiao Qiao
Date: 06 November 2026

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This Certificate is for the exclusive use of Intertek's client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Certificate. Only the Client is authorized to permit copying or distribution of this Certificate. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek.

APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PVES-260464

Ratings & Principle Characteristics:

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	TRIO HYBRID LV 8.0F G2	TRIO HYBRID LV 10.0F G2	TRIO HYBRID LV 12.0F G2
Battery Input Data							
Battery Type	Lead-acid or Lithium-ion						
Battery Voltage Range(V)	40-60						
Max.Charging Current(A)	70	95	120	135	190	210	240
Max.Discharging Current(A)	70	95	120	135	190	210	240
PV String Input Data							
Max. PV Input Power(W)	4800	6400	8000	9600	12800	16000	19200
PV Input Voltage Range(V)	160-800						
MPPT Voltage Range(V)	200-650						
Rated PV Input Voltage(V)	550						
Full Load MPPT Voltage Range(V)	250-650					350-650	
Start-up Voltage(V)	160V						
Max. Operating PV Input Current(A)	20+20					26+26	26+26
Max. Input Short-Circuit Current(A)	30+30					39+39	39+39
No. of MPP Trackers	2						
No. of Strings MPP Tracker	1+1					2+2	

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APPENDIX: Certificate of Conformity

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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	TRIO HYBRID LV 8.0F G2	TRIO HYBRID LV 10.0F G2	TRIO HYBRID LV 12.0F G2
AC Input/Output Data							
Rated AC Input/Output Active Power(W)	3000	4000	5000	6000	8000	10000	12000
Max. AC Input/Output Apparent Power(VA)	3300	4400	5500	6600	8800	11000	13200
Peak Power(off grid)(W)	2 times of rated power, 10S						
Rated AC Input/Output Current(A)	4.4	5.8	7.3	8.7	11.6	14.5	17.4
Max. AC Input/Output Current(A)	4.8	6.4	8	9.6	12.8	16	19.2
Max. Continuous AC Passthrough (grid to load)(A)	45						
Rated Input/Output Grid Frequency /Voltage Range	50/60Hz; 3L/N/PE 230/400Vac						
Grid Type	Three Phase						
Total Harmonic Distortion (THD)	<3% (of nominal power)						
DC current injection	<0.5% In						
Others							
Operating Temperature Range	-40 to 60°C, >45°C Derating						
Cooling	Intelligent Air Cooling						
Noise(dB)	≤ 55						
Weight (kg)	35.2						
Protection Degree	IP65						
Permissible Altitude	3000m						
Overvoltage category	OVC III (AC main), OVC II (DC)						
Firmware Version	1144						

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