

# Certificate of Conformity (COC)



Certificate Holder : TommaTech GmbH  
Zeppelinstr. 14 - 85748 Garching b.München, Germany

Date of Original Issue : 2025-09-17

Date of Last Revision : --

Date of Expiry : 2028-09-16

Certificate Number : PCS-25-1179

Product : Hybrid Inverter

Ratings : See appendix on page 2

Brand/Trademark :   
GERMAN-based company ●●●

Model(s) : See appendix on page 2

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

Testing Report : GZES250701473301, GZES250701473302, GZES250701473303 and GZES250701473304

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



SGS



Model	INV-TT-TF-M60K	INV-TT-TF-M70K	INV-TT-TF-M75K	INV-TT-TF-M80K
PV Input Date				
Max. Input Voltage (V)	1000			
Start-up Operating Voltage (V)	180			
Rated Input Voltage (V)	650			
Full Power MPPT Voltage Range (V)	365~850	425~850	455~850	485~850
Max. Input Current (A)	36+36+36+36+36+36			
Max. Short Current (A)	54+54+54+54+54+54			
No. of MPP Trackers/No. of Strings MPP Tracker	6/2+2+2+2+2			
Battery Input Date				
Battery Type	Lithium-ion			
Battery Voltage Range (V)	160~1000			
Max. Charging Current (A)	80+80	80+80	80+80	80+80
Max. Discharging Current (A)	80+80	80+80	80+80	80+80
AC Input/Output Date				
Nominal Input/Output Voltage (V)	3L/N/PE, 230/400			
Nominal Input/Output Grid Frequency (Hz)	50			
Rated AC Input/Output Power (kW)	60.0	70.0	75.0	80.0
Max. AC Input/Output Apparent Power (kVA)	66.0	77.0	82.5	88.0
Rated AC Input/Output Current (A)	87.0	101.5	108.7	116.0
Max. AC Input/Output Current (A)	95.7	111.6	119.6	127.6
Output Power Factor	0.8 leading to 0.8 lagging			
General Data				
Operating Temperature Range	-40 °C ~ +60 °C (Above 45 °C Derating)			
Protection Degree	IP65			
Protective Class	Class I			
Cooling Method	Smart cooling			
Topology	Non-Isolated			

