

# Certificate of Conformity (COC)



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

Date of Original Issue : 2025-11-19



Date of Last Revision : --

Date of Expiry : 2028-11-18

Certificate Number : PCS-25-1205

Product : Hybrid Inverter

Ratings : See appendix on page 2 and page 3

Brand/Trademark :



Model(s) : UNO-HYB-LV-N5K-2, UNO-HYB-LV-N6K-2, UNO-HYB-LV-N7.6K-2, UNO-HYB-LV-N8K-2, UNO-HYB-LV-N10K-2, UNO-HYB-LV-N12K-2, UNO-HYB-LV-N7.6K-2P, UNO-HYB-LV-N8K-2P, UNO-HYB-LV-N10K-2P, UNO-HYB-LV-N12K-2P

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

Testing Report : GZES251001915201, GZES251001915202, GZES251001915203 and GZES251001915204

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

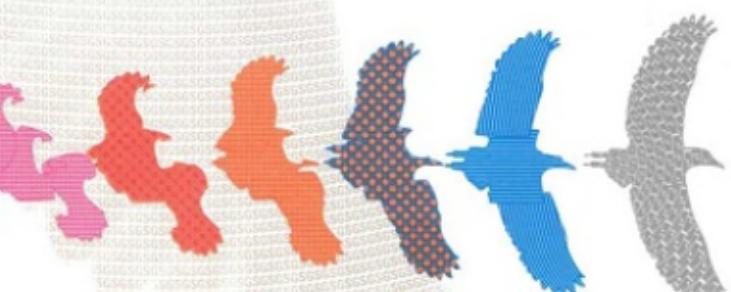
This is to certify that the product has been tested and was found to comply with the requirements of the standard(s).  
The above-mentioned product is certified according to the requirements of ISO/IEC 17065:2012.

Christopher Hee  
Certification Officer

SGS Testing & Control Services Singapore Pte Ltd  
30 Boon Lay Way #03-01 Singapore 609957



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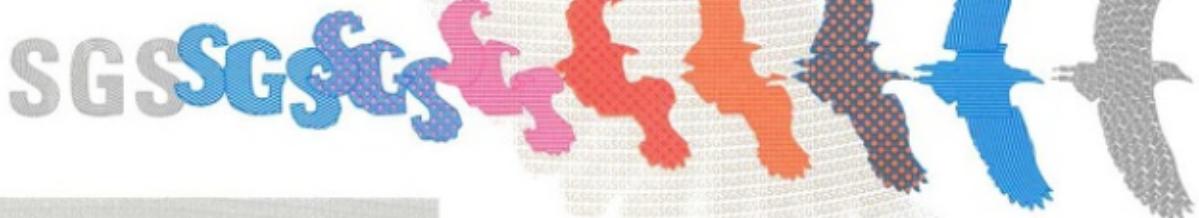


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## APPENDIX

Certificate Number: PCS-25-1205

Product Model	UNO-HYB-LV-N5K-2	UNO-HYB-LV-N6K-2	UNO-HYB-LV-N7.6K-2	UNO-HYB-LV-N8K-2	UNO-HYB-LV-N10K-2	UNO-HYB-LV-N12K-2
<b>PV Input</b>						
Max. PV Input Power (W)	8000	9600	12160	12800	16000	19200
Max. PV Input Voltage (V)			500			
Start-up Voltage (V)			125			
PV Input Voltage Range (V)			125-500			
MPPT Voltage Range (V)			150-425			
Full Load MPPT Voltage Range (V)			200-425			
Rated PV Input Voltage (V)			370			
Max. Operating PV Input Current (A)	20+20		26+26		26+26+26	
Max. Input Short-Circuit Current (A)	44+44		44+44		44+44+44	
No. of MPP Trackers/ No. of Strings per MPP Tracker		2/2+2			3/2+2+2	
<b>Battery Input Data</b>						
Battery Type			Lead-acid or Lithium-ion			
Battery Voltage Range (V)			40-60			
Max. Charging Current (A)	120	135	190	190	220	250
Max. Discharging Current (A)	120	135	190	190	220	250
<b>AC Output</b>						
Rated AC Output Active Power (W)	5000	6000	7600	8000	10000	12000
Max.AC Output Apparent Power (VA)	5500	6600	8360	8800	11000	13200
Rated AC Output Current (A)	21.8	26.1	33.1	34.8	43.5	52.2
Max. AC Output Current (A)	24	28.7	36.4	38.3	47.9	57.4
Rated Output Voltage (V)			230			
Grid Connection Form			L+N+PE			
Rated Output Frequency (Hz)			50			
Power Factor Adjustment Range			0.8 leading to 0.8 lagging			
<b>General Data</b>						
Operating Temperature Range			-40°C to +60°C, > 45°C derating			
Ingress Protection (IP) Rating			IP65			
Inverter Topology			Non-Isolated			
Type Of Cooling			Intelligent Air Cooling			
Protection Level			Class I			



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## APPENDIX

Certificate Number: PCS-25-1205

Product Model	UNO-HYB-LV-N7.6K-2P	UNO-HYB-LV-N8K-2P	UNO-HYB-LV-N10K-2P	UNO-HYB-LV-N12K-2P
<b>PV Input</b>				
Max. PV Input Power (W)	12160	12800	16000	19200
Max. PV Input Voltage (V)		500		
Start-up Voltage (V)		125		
PV Input Voltage Range (V)		125-500		
MPPT Voltage Range (V)		150-425		
Full Load MPPT Voltage Range (V)		200-425		
Rated PV Input Voltage (V)		370		
Max. Operating PV Input Current (A)	32+32		32+32+32	
Max. Input Short-Circuit Current (A)	60+60		60+60+60	
No. of MPP Trackers/ No. of Strings per MPP Tracker	2/2+2		3/2+2+2	
<b>Battery Input Data</b>				
Battery Type	Lead-acid or Lithium-ion			
Battery Voltage Range (V)	40-60			
Max. Charging Current (A)	190	190	220	250
Max. Discharging Current (A)	190	190	220	250
<b>AC Output</b>				
Rated AC Output Active Power (W)	7600	8000	10000	12000
Max.AC Output Apparent Power (VA)	8360	8800	11000	13200
Rated AC Output Current (A)	33.1	34.8	43.5	52.2
Max. AC Output Current (A)	36.4	38.3	47.9	57.4
Rated Output Voltage (V)	230			
Grid Connection Form	L+N+PE			
Rated Output Frequency (Hz)	50			
Power Factor Adjustment Range	0.8 leading to 0.8 lagging			
<b>General Data</b>				
Operating Temperature Range	-40°C to +60°C, > 45°C derating			
Ingress Protection (IP) Rating	IP65			
Inverter Topology	Non-Isolated			
Type Of Cooling	Intelligent Air Cooling			
Protection Level	Class I			

