

Certificate of Conformity (COC)

SGS

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

Date of Original Issue : 2025-10-27

Date of Last Revision : --

Date of Expiry : 2028-10-26

Certificate Number : PCS-25-1192

Product : Hybrid Inverter

Ratings : See appendix on page 2 and page 4

Brand/Trademark :



Model(s) : UNO-HYB-LV-N3.6K-5O, UNO-HYB-LV-N5K-5O, UNO-HYB-LV-N6K-5O,
UNO-HYB-LV-N7K-5O, UNO-HYB-LV-N7.6K-5O, UNO-HYB-LV-N8K-5O,
UNO-HYB-LV-N10K-5O, UNO-HYB-LV-N7K-5, UNO-HYB-LV-N7.6K-5,
UNO-HYB-LV-N8K-5, UNO-HYB-LV-N10K-5, UNO-HYB-LV-N3.6K-5P,
UNO-HYB-LV-N5K-5P, UNO-HYB-LV-N6K-5P, UNO-HYB-LV-N7K-5P,
UNO-HYB-LV-N7.6K-5P, UNO-HYB-LV-N8K-5P, UNO-HYB-LV-N10K-5P

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

Testing Report : GZES250901681301, GZES250901681302, GZES250901681303 and GZES250901681304

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
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Product Model	UNO-HYB-LV- N3.6K-5P	UNO-HYB-LV- N5K-5P	UNO-HYB-LV- N6K-5P	UNO-HYB-LV- N7K-5P	UNO-HYB-LV- N7.6K-5P	UNO-HYB-LV- N8K-5P
PV Input						
Max. DC Input Power (W)	5760	8000	9600	11200	12160	12800
Max. DC Voltage (V)	500					
Start-up Input Voltage (V)	125					
Rated Input Voltage (V)	370					
MPPT Voltage Range (V)	150~425					
Max. Operating PV Input Current(A)	18+18			32+32		
Max. Short Current (A)	27+27			48+48		
No. Of MPP Trackers/No. Of Strings MPP Tracker	2/1+1			2/2+2		
Battery Input						
Battery Type	Lead-acid or Lithium-ion					
Battery Voltage Range (V)	40-60					
Max. Charging/ Discharging Current (A)	90	120	135	175	190	190
AC Output						
Rated AC Output Active Power (W)	3600	5000	6000	7000	7600	8000
Max. AC Output Apparent Power (VA)	3960	5500	6600	7700	8360	8800
Max AC Output Current (A)	17.3	24.0	28.7	33.5	36.4	38.3
Rated AC Output Current (A)	15.7	21.8	26.1	30.5	33.1	34.8
Rated Output Voltage (V)	L/N/PE, 230					
Nominal Frequency (Hz)	50					
Power Factor Adjustment Range	0.8 leading...0.8 lagging					
Topology	Non-Isolated					
Operating temperature range	-40 to +60 °C (>45 °C Derating)					
Ingress Protection (IP) Rating	IP65					



Product Model	UNO-HYB-LV-N7K-5	UNO-HYB-LV-N7.6K-5	UNO-HYB-LV-N8K-5	UNO-HYB-LV-N10K-50	UNO-HYB-LV-N10K-5	UNO-HYB-LV-N10K-5P
PV Input						
Max. DC Input Power (W)	11200	12160	12800	16000	16000	16000
Max. DC Voltage (V)	500					
Start-up Input Voltage (V)	125					
Rated Input Voltage (V)	370					
MPPT Voltage Range (V)	150~425					
Max. Operating PV Input Current(A)	26+26					32+32
Max. Short Current (A)	34+34					48+48
No. Of MPP Trackers/No. Of Strings MPP Tracker	2/2+2					
Battery Input						
Battery Type	Lead-acid or Lithium-ion					
Battery Voltage Range (V)	40-60					
Max. Charging/Discharging Current (A)	175	190	210			
AC Output						
Rated AC Output Active Power (W)	7000	7600	8000	10000		
Max. AC Output Apparent Power (VA)	7700	8360	8800	11000		
Max AC Output Current (A)	33.5	36.4	38.3	47.9		
Rated AC Output Current (A)	30.5	33.1	34.8	43.5		
Rated Output Voltage (V)	L/N/PE, 230					
Nominal Frequency (Hz)	50					
Power Factor Adjustment Range	0.8 leading...0.8 lagging					
Topology	Non-Isolated					
Operating temperature range	-40 to +60 °C (>45 °C Derating)					
Ingress Protection (IP) Rating	IP65					



Product Model	UNO-HYB-LV- N3.6K-50	UNO-HYB-LV- N5K-50	UNO-HYB-LV- N6K-50	UNO-HYB-LV- N7K-50	UNO-HYB-LV- N7.6K-50	UNO-HYB-LV- N8K-50
PV Input						
Max. DC Input Power (W)	5760	8000	9600	11200	12160	12800
Max. DC Voltage (V)	500					
Start-up Input Voltage (V)	125					
Rated Input Voltage (V)	370					
MPPT Voltage Range (V)	150~425					
Max. Operating PV Input Current(A)	13+13			26+26		
Max. Short Current (A)	17+17			34+34		
No. Of MPP Trackers/No. Of Strings MPP Tracker	2/1+1			2/2+2		
Battery Input						
Battery Type	Lead-acid or Lithium-ion					
Battery Voltage Range (V)	40-60					
Max. Charging/ Discharging Current (A)	90	120	135	175	190	190
AC Output						
Rated AC Output Active Power (W)	3600	5000	6000	7000	7600	8000
Max. AC Output Apparent Power (VA)	3960	5500	6600	7700	8360	8800
Max AC Output Current (A)	17.2	23.9	28.7	33.5	36.3	38.3
Rated AC Output Current (A)	15.7	21.7	26.1	30.5	33.0	34.8
Rated Output Voltage (V)	L/N/PE, 230					
Nominal Frequency (Hz)	50					
Power Factor Adjustment Range	0.8 leading...0.8 lagging					
Topology	Non-Isolated					
Operating temperature range	-40 to +60 °C (>45 °C Derating)					
Ingress Protection (IP) Rating	IP65					

