Certificate of Conformity (COC)

Certificate Holder	:	TommaTech GmbH Zeppelinstr. 14 - 85748 Garching b.München, Germany
Date of Original Issue	:	2026-02-12
Date of Last Revision	:	--
Date of Expiry	:	2029-02-11
Certificate Number	:	PCS-26-1024
Product	:	Hybrid Inverter
Ratings	:	See appendix on page 2
Brand/Trademark	:	
Model	:	UNO-HYB-LV-N12K-1P, UNO-HYB-LV-N14K-1P, UNO-HYB-LV-N16K-1P, UNO-HYB-LV-N18K-1P
Test Laboratory	:	SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch
Testing Report	:	GZGC260100004401, GZGC260100004402, GZGC260100004403 and GZGC260100004404
Test Standard	:	IEC 62116:2014, IEC 61727:2004, 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.

Accredited Certification Body
SAC
PD-2016-15

Christopher Hee
Certification Officer

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

APPENDIX

Certificate Number: PCS-26-1024

Product Model	UNO-HYB-LV-N12K-1P	UNO-HYB-LV-N14K-1P	UNO-HYB-LV-N16K-1P	UNO-HYB-LV-N18K-1P
Input (PV)				
Max. PV Input Power (W)	19200	22400	25600	28800
Max. PV Input Voltage (V)	500			
Start-up Voltage (V)	125			
Rated Input Voltage (V)	370			
MPPT Voltage Range (V)	150 ~ 425			
Full Load MPPT Voltage Range (V)	250 ~ 425			
Max. Operating PV Input Current (A)	36+36+36	36+36+36	36+36+36	36+36+36
Max. Input Short-Circuit Current (A)	54+54+54	54+54+54	54+54+54	54+54+54
No. of MPP Trackers/No. of Strings MPP Tracker	3/2+2+2			
Battery Input				
Battery Type	Lead-acid or Lithium-ion			
Battery Voltage Range (V)	40-60			
Max. Charging Current (A)	220	250	290	380
Max. Discharging Current (A)	220	250	290	380
Output (AC)				
Rated AC Output Active Power (W)	12000	14000	16000	18000
Max. AC Output Apparent Power (W)	13200	15400	17600	19800
Rated AC Output Current (A)	52.2	60.9	69.6	78.3
Max. AC Output Current (A)	57.4	67.0	76.6	86.1
Nominal Grid Voltage (V)	L/N/PE, 230			
Nominal Frequency (Hz)	50/60			
Power Factor	0.8 leading - 0.8 lagging			
General Data				
Topology	Non-Isolated			
Operating Temperature Range	-40 ~ +60 °C, > +45 °C derating			
Degree of Protection	IP65			
Type of Cooling	Intelligent Air Cooling			