

CERTIFICATE

of conformity with the following European Directives

Low Voltage Directive 2014/35/EU

This certifies that below described products of the applicant:

Shenzhen Hopewind Technology Co., Ltd.

A1 area, Building 6 of Jinhaoyuan, Yanshan Road, Yanchuan Street, Song-gang Town, Bao'an District, Shenzhen, 518105
PEOPLE'S REPUBLIC OF CHINA

comply to the essential requirements of the above mentioned European Directive and the following standards, taking into account the German national deviations:

Product(s):	Grid-Connected PV Inverter
Model type(s):	hopeSun 5KTL, hopeSun 6KTL, hopeSun 8KTL
Standard(s):	EN 62109-1:2010, EN 62109-2:2011

This certificate of conformity is based on the evaluation of samples of the product. It does not imply an assessment of the production and it does not permit the use of a mark of conformity or of a safety mark of the TÜV NORD CERT GmbH. The holder of this certificate may use this Certificate together with his EC-Declaration of Conformity.

Registered no.:	44 799 21 406749 - 008
Test report no.:	492011601.001
File no.:	PVP07126/20B-01



TÜV NORD CERT GmbH
Certification Body
Balance of System (BOS) for Photovoltaics

Essen, 2021-02-05

TÜV NORD CERT GmbH Langemarckstraße 20 45141 Essen www.tuev-nord-cert.de prodcert@tuev-nord.de

Please also pay attention to the information stated overleaf.



The CE marking may be affixed on the product if all relevant and effective Directives are complied with.



ANNEX

Annex 1, Page 1 of 3

to Certificate registration no. 44 799 21 406749 - 008

Description of product(s):

Model type(s)	hopeSun 8KTL		
General Information:			
Type of inverter	No transformer	Over voltage Category (OVC) ..	PV Input: II, AC Output: III
Protective Class	Class I	Enclosure Protection (IP)	IP65
Operating Temperature Range [°C]	-40 to 60 (>40 derating)	Pollution degree (PD)	PD 3(external) PD 2(internal)
Weight [kg]	<14kg	Size (W x H x D) [mm]	325*380*177
Firmware Version	A		
PV Input:			
Vmax [Vd.c.]	550	Isc [Ad.c.]	30/15
MPP Voltage Range [Vd.c.]	90-500	MPP Full Power Voltage Range [Vd.c.]	200V~480V
Max. Input Current [Ad.c.]	24/12	Back-feed Current [A]	0
MPPT tracking	2		
AC Output:			
Rated Output Voltage [Va.c.]	220/230, L+N+PE	Rated Output Frequency [Hz] ..	50/60
Rated Output Power [kW]	8	Max. Apparent Power [kVA]	8
Max. Output Current [Aa.c.]	36.4	Power Factor cosφ [λ]	[-0.8,0.8]



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Model type(s)	hopeSun 6KTL		
General Information:			
Type of inverter	No transformer	Over voltage Category (OVC) ..	PV Input: II, AC Output: III
Protective Class	Class I	Enclosure Protection (IP)	IP65
Operating Temperature Range [°C]	-40 to 60 (>40 derating)	Pollution degree (PD)	PD 3(external) PD 2(internal)
Weight [kg]	<14kg	Size (W x H x D) [mm]	325*380*177
Firmware Version	A		
PV Input:			
Vmax [Vd.c.]	550	Isc [Ad.c.]	15/15
MPP Voltage Range [Vd.c.]	90-500	MPP Full Power Voltage Range [Vd.c.]	200V~480V
Max. Input Current [Ad.c.]	11/11	Back-feed Current [A]	0
MPPT tracking	2		
AC Output:			
Rated Output Voltage [Va.c.]	220/230, L+N+PE	Rated Output Frequency [Hz] ..	50/60
Rated Output Power [kW]	6	Max. Apparent Power [kVA]	6.6
Max. Output Current [Aa.c.]	30	Power Factor cosφ [λ]	[-0.8,0.8]



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General Information:			
Type of inverter	No transformer	Over voltage Category (OVC) ..	PV Input: II, AC Output: III
Protective Class	Class I	Enclosure Protection (IP)	IP65
Operating Temperature Range [°C]	-40 to 60 (>40 derating)	Pollution degree (PD)	PD 3(external) PD 2(internal)
Weight [kg]	<14kg	Size (W x H x D) [mm]	325*380*177
Firmware Version	A		
PV Input:			
Vmax [Vd.c.]	550	Isc [Ad.c.]	15/15
MPP Voltage Range [Vd.c.]	90-500	MPP Full Power Voltage Range [Vd.c.]	200V~480V
Max. Input Current [Ad.c.]	11/11	Back-feed Current [A]	0
MPPT tracking	2		
AC Output:			
Rated Output Voltage [Va.c.]	220/230, L+N+PE	Rated Output Frequency [Hz] ..	50/60
Rated Output Power [kW]	5	Max. Apparent Power [kVA]	5.5
Max. Output Current [Aa.c.]	25	Power Factor cosφ [λ]	[-0.8,0.8]

Remark:

For detailed product information, please refer to CDF (Constructional Data Form) in Annex 4 of test report.



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