

CERTIFICATE

of conformity with the following European Directives
Low Voltage Directive 2014/35/EU

This certifies that below described products of the applicant:

Zhejiang Hyxi Technology Co., Ltd.

Room 216, Block A, Building 1, No. 57 Jiang'er Road, Changhe Street, Binjiang District, Hangzhou, Zhejiang, 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):	Single Phase Hybrid Inverter
Model type(s):	HYX-H3K-HS1, HYX-H3K6-HS1, HYX-H5K-HS1, HYX-H6K-HS1 HYX-H3K-HS2, HYX-H3K6-HS2, HYX-H5K-HS2, HYX-H6K-HS2

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. The CE marking may be affixed on the product if all relevant and effective Directives are complied with, under full responsibility of the holder.

Certification program:	P31-VA-01 Rev. 03 / 02.25
Certification fundamental(s):	EN 62109-1:2010, EN 62109-2:2011
Registered no.:	44 799 25 406749 - 202
Report no.:	492013827.001
File no.:	PVP02168/25E-001



TÜV NORD CERT GmbH
Certification Body
Energy Storage System

Essen, 2025-07-16


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Description of product(s):

Model or Type designation	HYX-H3K-HS1 HYX-H3K-HS2	HYX-H3K6-HS1 HYX-H3K6-HS2	HYX-H5K-HS1 HYX-H5K-HS2	HYX-H6K-HS1 HYX-H6K-HS2
Battery terminal:				
Battery Type	Lithium-ion			
Voltage Range [Vd.c.]	80-490			
Max Charge/Discharge Current [Ad.c.]	30			
Overvoltage Category (OVC)	II			
PV Input parameters:				
Max Input Voltage [Vd.c.]	600			
MPPT Voltage Range [Vd.c.]	80-560			
Max Current [Ad.c.]	18/18			
Isc PV [Ad.c.]	27/27			
Overvoltage Category (OVC)	II			
On-grid (AC input/output) terminal:				
Rated Voltage [Va.c.]	L/N/PE, 220/230/240			
Rated Frequency [Hz]	50/60			



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Max Input/output power [VA]	3300/3300	3960/3960	5500/5500	6600/6600
Max Input/output current [Aa.c.]	15/15	18/18	25/25	30/30
Power Factor $\cos\phi$ [λ]	0.8 leading to 0.8 lagging			
Overvoltage Category (OVC)	III			
Back-up (AC) terminal:				
Rated Voltage [Va.c.]	L/N/PE, 220/230/240			
Rated Frequency [Hz]	50/60			
Max output power [VA]	3300	3960	5500	6600
Max output current [Aa.c.]	15	18	25	30
Overvoltage Category (OVC)	III			
Generator Input (AC) terminal				
Rated Voltage [Va.c.]	L/N/PE, 220/230/240			
Rated Frequency [Hz]	50/60			
Max Input Power [VA]	3300	3960	5500	6600
Max Input Current [Aa.c.]	15	18	25	30
Overvoltage Category (OVC)	III			
System				



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Type of converter	Non-Isolated
Protective Class	Class I
Enclosure Protection (IP)	IP65
Operating Temperature Range [°C]	-25 to 60 (derating at +45)
Software Version	V1.0

Remark:

For detailed product information, please refer to CDF (Constructional Data Form) in the associated report.



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Am TÜV 1, D-45307 Essen

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