

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): Stackable hybrid module

Model type(s): HYX-H-HTA, HYX-H-HTAC

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. 02 / 04.20

Certification fundamental(s): EN 62109-1:2010, EN 62109-2:2011
EN 62477-1:2012+A1:2017, EN 62477-1:2012+A12:2021

Registered no.: 44 799 24 406749 - 406

Report no.: 492013481.001, 492013508.001

File no.: PVP07127/24E-01, PVP07127/24E-02



TÜV NORD CERT GmbH
Certification Body
Energy Storage System

Essen, 2024-12-03

ANNEX

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Description of product(s):

Model or Type designation	HYX-H-HTA	HYX-H-HTAC
Battery Side parameters:		
Voltage Range [Vd.c.]	150-600	
Max. Charging / Discharging Current [Ad.c.]	32	
Overvoltage Category (OVC)	II	
PV input parameters:		
Max Input Voltage [Vd.c.]	1000	-
MPPT Voltage Range [Vd.c.]	140-980	-
Max Current [Ad.c.]	20/20*2	-
Isc PV [Ad.c.]	30/30*2	-
Overvoltage Category (OVC)	II	-
On-grid AC parameters:		
Rated Voltage [Va.c.]	3/N/PE, 220/380; 230/400; 240/415	
Rated Frequency [Hz]	50/60	
Max Input/output power [W]	45360/16500	
Max Input/output current [Aa.c.]	63/24	
Power Factor $\cos\phi$ [λ]	0.8 leading to 0.8 lagging	



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Overvoltage Category (OVC)	III
Back-up parameters:	
Rated Voltage [Va.c.]	3/N/PE, 220/380; 230/400; 240/415
Rated Frequency [Hz]	50/60
Max Input/output power [W]	16500/45360
Max Input/output current [Aa.c.]	24/63
Overvoltage Category (OVC)	III
Others:	
Protective class	Class I
Inverter topology	Non-Isolated
Operation temperature range	-30 ~ 60°C (derating at +45°C)
Ingress protection	IP67
Software Version	V1.0

Remark:

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



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