

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 Province, 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): Energy Storage Cabinet

Model type(s): HYX-EF215P2-MS, HYX-EF215P2-M, HYX-EF215P2-S, HYX-EF215P2

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,
EN 62477-1:2012+A1:2017, EN 62477-1:2012+A12:2021

Registered no.: 44 799 25 406749 - 224

Report no.: 492013862.001

File no.: PVP03036/25E-001



TÜV NORD CERT GmbH
Certification Body
Energy Storage System

Essen, 2025-08-11

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Description of product(s):

Energy Storage System				
Model or Type designation	HYX- EF215P2-MS	HYX- EF215P2-M	HYX- EF215P2-S	HYX- EF215P2
PV parameters:				
Maximum voltage [V d.c.]	900			-
MPPT voltage range [V d.c.]	310-650			-
Max. input current [A d.c.]	165			-
Isc PV [A d.c.]	210			-
AC grid parameters:				
Nominal input/output voltage [V a.c.]	230/400, 3L/N/PE			
Nominal frequency [Hz]	50/60			
Nominal input/output power [kW]	100			
Max. input/output power [kW]	100			
Max. input/output apparent power [kVA]	110			
Nominal input/output AC current [A a.c.]	145			
Max. input/output AC current [A a.c.]	160			
Power factor $\cos\phi$ [λ]	-0.99~+0.99			
Battery parameters:				
Battery capacity [Ah]	280			
Battery type	LiFePO4			
Rated energy [kWh]	215			
Nominal voltage range [Vd.c.]	672-864			
Nominal voltage [Vd.c.]	768			



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Nominal charge/discharge current [Ad.c.]	140			
Maximum charge/discharge current [Ad.c.]	165			
AC Backup parameters:				
Nominal voltage [V a.c.]	230/400, 3L/N/PE	-	230/400, 3L/N/PE	-
Nominal frequency [Hz]	50/60	-	50/60	-
Max. output power [kW]	100	-	100	-
Max. output AC current [A a.c.]	160	-	160	-
Power factor $\cos\phi$ [λ]	-0.99~+0.99	-	-0.99~+0.99	-
Others:				
Protective Class	Class I			
Inverter Topology	Non-isolated			
Operation Temperature Range [°C]	-20 to 50 (>40 derating)			
Ingress Protection	IP54			
Overvoltage-Category	DC(BAT, PV) II, AC(Main) III			
Software Version	V1.0			

Remark:

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



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