CERTIFICATE

of conformity with the following European Directives

Low Voltage Directive 2014/35/EU

This certifies that below described products of the applicant:

Shenzhen Sinexcel Electric Co., Ltd.

Building 6, BaiWangXin High-tech, Industrial Park, Nanshan District, Shenzhen City, 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):	Intelligent Switching Cabinet
Model type(s):	PWD-800K-EX

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.

Certification program:	P31-VA-01 Rev. 02 / 04.20
Certification fundamental(s):	EN 62109-1:2010
Registered no.:	44 799 24 406749 - 161
Report no.:	492013134.001
File no.:	PVP11085/23E-01

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Certification Body
Energy Storage System

Essen, 2024-05-09

Please also pay attention to the information stated overleaf.

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

ANNEX

to Certificate registration no. 44 799 24 406749 - 161

Description of product(s):

Model or Type designation	**PWD-800K-EX**
Grid Terminal:	
Rated input current [Aa.c.]	1154
Maximum continuous input current [Aa.c.]	1269
Rated apparent power [kVA]	800
Rated input voltage [Va.c.]	230/400, 3P+N+PE
Rated input Frequency [Hz]	50/ 60
AC Max. Short-circuit current [Aa.c.]	1557
Load Terminal:	
Rated output current [Aa.c.]	1154
Maximum continuous output current [Aa.c.]	1269
Rated apparent power [kVA]	800
Rated output voltage [Va.c.]	230/400, 3P+N+PE
Rated output Frequency [Hz]	50/ 60
PCS terminal:	
Rated input/output current [Aa.c.]	1154
Maximum continuous input/output current [Aa.c.]	1269
Rated apparent power [kVA]	800
Rated input/output voltage [Va.c.]	230/400, 3P+N+PE
Rated input/output Frequency [Hz]	50/ 60

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ANNEX

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General:	
Protective Class	Class I
Inverter Topology	Non-isolated
Operation Temperature Range	-20~50°C (>45°C derating)
Size [W*H*D mm]	800*800*2160
Weight [kg]	450
Ingress Protection	IP20
Overvoltage-Category	III
Software version:	FPGA-STS-U1-2-V120 (CPLD software) PCS-U1-1-V103 (DPS test software) PWD-STS-U1-1-V102 (DPS software) PWD-A7-D1-1-V106 (LCD display software) PCS-A7-D1-1-V150 (LCD display software) MX6UL-C3-V113 (LCD display Tooling software software)

Remark:

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

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Energy Storage System

Essen, 2024-05-09