

Test Verification of Conformity

On the basis of the referenced test report(s), sample(s) of the below product have been found to comply with the harmonized standards and Directives listed on this verification at the time the tests were carried out. Other standards and Directives may be relevant to the product.

Once all product relevant **CE** mark directives are verified in compliance, the manufacturer may indicate compliance by signing a Declaration of Conformity themselves and applying the mark to product identical to the test sample(s) if the product complies with all relevant CE mark Directives requirements.

Applicant Name & Address:	Shenzhen Sinexcel Electric Co., Ltd Building 6, BaiWangXin High-tech, Industrial Park, Nanshan District, Shenzhen City, China
Product Description:	Single-stage Storing Device (Grid support utility interactive inverter)
Ratings & Principle Characteristics:	See annex paper
Models:	PWS1-150K, PWS1-100K, PWS1-50K, PWS1-250K
Brand Name:	Sinexcel
Relevant Standards/ Directive	EN 61000-6-2:2005 EN 61000-6-4:2007+A1:2011 EMC Directive 2014/30/EU
Verification Issuing Office:	Same as Legal Entity
Date of Tests:	03 March 2017-10 March 2017
Test Report Number(s):	170331066GZU-001
Note 1: This verification is part of the full test report(s) and should be read in conjunction with them.	



Signature

Name: Strong Yao
Position: Manager
Date: 19 September 2017

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Annex to Test Verification of Conformity

This is an Annex to Test Verification of Conformity with Report Number(s): 170331066GZU-001. The issuing office is Intertek Testing Services Shenzhen Ltd. Guangzhou Branch (Address: Block E, No, 7-2 Guang Dong Software Science Park, Caipin Road Guangzhou Science City, GETDD Guangzhou).

Ratings & Principle Characteristics:

Model	PWS1-150K	PWS1-100K	PWS1-50K	PWS1-250K
Operating temp.	-20°C to+50°C (>45°C power derating)			
Protective Class	Class I			
Type of enclosure	IP 20			
Charger Mode				
AC input voltage	3W/PE, 400Vac			
AC input current	216A(238A max)	144A(159A max)	72A(79A max)	360A(397A max)
AC input power	150kW(165kW max)	100kW(110kW max)	50kW(55kW max)	250kW(275kW max)
AC frequency	50Hz			
Battery charge voltage	650Vdc(500Vdc-850Vdc)			
Battery charge current	231A(300A max)	154A(200A max)	77A(110A max)	385A(500Amax)
Utility Interactive Mode				
Battery discharge voltage	650Vdc(500Vdc-850Vdc)			
Battery discharge current	231A(300A max)	154A(200A max)	77A(110A max)	385A(500Amax)
AC output voltage	3W/PE 400Vac			
AC output current	216A(238A max)	144A(159A max)	72A(79A max)	360A(397A max)
AC output power	150kW(165kW max)	100kW(110kW max)	50kW(55kW max)	250kW(275kW max)
AC frequency	50Hz			
AC output PF	0.8leading to 0.8lagging			
Stand-alone Mode				
Battery discharge voltage	650Vdc(500Vdc-850Vdc)			
Battery discharge current	231A(300A max)	154A(200A max)	77A(110A max)	385A(500Amax)
AC output voltage	3W/N/PE, 400Vac			
AC output current	216A(238A max)	144A(159A max)	72A(79A max)	360A(397A max)
AC output power	150kW(165kW max)	100kW(110kW max)	50kW(55kW max)	250kW(275kW max)
AC frequency	50Hz			
AC output PF	0.8leading to 0.8lagging			

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Name: Strong Yao

Position: Manager

Date: 19 September 2017

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