

# Test Verification of Conformity

Verification Number: 240725071GZU-VOC001

On the basis of the tests undertaken, the sample<s> of the below product has been tested by an accredited 3rd party laboratory in accordance to the referenced specification<s>/standard<s> at the time the tests were carried out. This verification is part of the full test report<s> and should be read in conjunction with it <them>.

This document can be used in support of a claim in meeting relevant 2014/30/EU legislation and mandatory Conformity Marking. And in accordance with EU law, the claim is the sole obligation of the Manufacturer/ Importer.

Applicant Name & Address:	Shenzhen Sinexcel Electric Co., Ltd Building 6, BaiWangXin High-tech Industrial Park, NANSHAN DISTRICT Shenzhen - CHINA
Product Description:	Single-stage Storing Device (Grid support utility interactive inverter)
Models/Type References:	PWS1-1725KTL-H-EX-; followed by one number; followed by M; followed by one number, followed by O or blank; "O" mean the unit use outside, blank mean the unit use indoor
Ratings & Principle Characteristics:	See Appendix
Brand Names:	Sinexcel
Specification<s>/Standards:	EN IEC 61000-6-4:2019 EN IEC 61000-6-2:2019
Verification Issuing Office Name & Address:	Intertek Testing Services Shenzhen Ltd. Guangzhou Branch Room101/301/401/102/202/302/402/502/602/702/802, No. 7-2, Caipin Road, Huangpu District, Guangzhou, Guangdong, China
Date of Tests:	04 December 2024 to 14 December 2024
Test Report Number(s):	240725071GZU-001
Additional information in Appendix.	



Signature

Name: Sky Zhu

Position: Supervisor

Date: 31 July 2025

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## APPENDIX: Test Verification of Conformity

This is an Appendix to Test Verification of Conformity Number: 240725071GZU-VOC001.

Model	PWS1-1725KTL-H-EX-8M1/ PWS1-1725KTL-H-EX-8M1-O	PWS1-1725KTL-H-EX-7M1/ PWS1-1725KTL-H-EX-7M1-O	PWS1-1725KTL-H-EX-6M1/ PWS1-1725KTL-H-EX-6M1-O	PWS1-1725KTL-H-EX-5M1/ PWS1-1725KTL-H-EX-5M1-O
Battery terminal parameters				
Battery type	LFP/ lithium cell			
Battery voltage range	1070 V~1500 V			
Rated voltage	1250 V			
Rated charging/ discharging current	1380 A	1207 A	1035 A	863 A
Maximum charging/ discharging current	1612 A	1411 A	1209 A	1008 A
Rated charging/ discharging power	1725 KW	1509 KW	1293 KW	1078 KW
Grid terminal parameters				
Nominal a.c. input/ output voltage	690V, 3~PE			
Nominal a.c. input/ output frequency	50Hz			
Rated continuous input/output current	1443 A	1263 A	1082 A	902 A
Maximum continuous input/ output current	1587 A	1389 A	1190 A	992 A
Rated input/output active power	1725 KW	1509 KW	1293 KW	1078 KW
Rated/Maximum output apparent power	1725/1897 kVA	1509/1660kVA	1293/1423 kVA	1078/1186 kVA
Power factor	0.9 leading to 0.9 lagging			
Firmware version	V1.0			

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Model	PWS1-1725KTL-H-EX-4M1/ PWS1-1725KTL-H-EX-4M1-O	PWS1-1725KTL-H-EX-3M1/ PWS1-1725KTL-H-EX-3M1-O	PWS1-1725KTL-H-EX-2M1/ PWS1-1725KTL-H-EX-2M1-O	PWS1-1725KTL-H-EX-1M1/ PWS1-1725KTL-H-EX-1M1-O
Battery terminal parameters				
Battery type	LFP/ lithium cell			
Battery voltage range	1070 V~1500 V			
Rated voltage	1250 V			
Rated charging/ discharging current	690 A	517 A	345 A	172 A
Maximum charging/ discharging current	806 A	605 A	403 A	201 A
Rated charging/ discharging power	862 KW	646 KW	431 KW	215 KW
Grid terminal parameters				
Nominal a.c. input/ output voltage	690V, 3~PE			
Nominal a.c. input/ output frequency	50Hz			
Rated continuous input/output current	721 A	541 A	361 A	180 A
Maximum continuous input/ output current	793 A	595 A	397 A	198 A
Rated input/output active power	862 KW	646 KW	431 KW	215 KW
Rated/Maximum output apparent power	862/948 kVA	646/711 kVA	431/474 kVA	215/237 kVA
Power factor	0.9 leading to 0.9 lagging			
Firmware version	V1.0			

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Model	PWS1-1725KTL-H-EX-8M2/ PWS1-1725KTL-H-EX--8M2-O	PWS1-1725KTL-H-EX-6M2/ PWS1-1725KTL-H-EX-6M2-O	PWS1-1725KTL-H-EX-4M2/ PWS1-1725KTL-H-EX-4M2-O	PWS1-1725KTL-H-EX-2M2/ PWS1-1725KTL-H-EX-2M2-O
Battery terminal parameters				
Battery type	LFP/ lithium cell			
Battery voltage range	1070 V~1500 V			
Rated voltage	1250 V			
Rated charging/ discharging current	1380 A	1035 A	690 A	345 A
Maximum charging/ discharging current	1612 A	1209 A	806 A	403 A
Rated charging/ discharging power	1725 KW	1293 KW	862 KW	431 KW
Grid terminal parameters				
Nominal a.c. input/ output voltage	690V, 3~PE			
Nominal a.c. input/ output frequency	50Hz			
Rated continuous input/output current	1443 A	1082 A	721 A	361 A
Maximum continuous input/ output current	1587 A	1190 A	793 A	397 A
Rated input/output active power	1725 KW	1293 KW	862 KW	431 KW
Rated/Maximum output apparent power	1725/1897 kVA	1293/1423 kVA	862/948 kVA	431/474 kVA
Power factor	0.9 leading to 0.9 lagging			
Firmware version	V1.0			

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Model	PWS1-1725KTL-H-EX-8M4/ PWS1-1725KTL-H-EX-8M4-O	PWS1-1725KTL-H-EX-6M4/ PWS1-1725KTL-H-EX-6M4-O	PWS1-1725KTL-H-EX-4M4/ PWS1-1725KTL-H-EX-4M4-O	PWS1-1725KTL-H-EX-2M4/ PWS1-1725KTL-H-EX-2M4-O
Battery terminal parameters				
Battery type	LFP/ lithium cell			
Battery voltage range	1070 V~1500 V			
Rated voltage	1250 V			
Rated charging/ discharging current	1380 A	1035 A	690 A	345 A
Maximum charging/ discharging current	1612 A	1209 A	806 A	403 A
Rated charging/ discharging power	1725 KW	1293 KW	862 KW	431 KW
Grid terminal parameters				
Nominal a.c. input/ output voltage	690V, 3~PE			
Nominal a.c. input/ output frequency	50Hz			
Rated continuous input/output current	1443 A	1082 A	721 A	361 A
Maximum continuous input/ output current	1587 A	1190 A	793 A	397 A
Rated input/output active power	1725 KW	1293 KW	862 KW	431 KW
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Model	PWS1-1725KTL-H-EX-8M8/ PWS1-1725KTL-H-EX-8M8-O	PWS1-1725KTL-H-EX-7M8/ PWS1-1725KTL-H-EX-7M8-O	PWS1-1725KTL-H-EX-6M8/ PWS1-1725KTL-H-EX-6M8-O	PWS1-1725KTL-H-EX-5M8/ PWS1-1725KTL-H-EX-5M8-O
Battery terminal parameters				
Battery type	LFP/ lithium cell			
Battery voltage range	1070 V~1500 V			
Rated voltage	1250 V			
Rated charging/ discharging current	1380 A	1207 A	1035 A	863A
Maximum charging/ discharging current	1612 A	1411 A	1209 A	1008 A
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Model	PWS1-1725KTL-H-EX-4M8/ PWS1-1725KTL-H-EX-4M8-O	PWS1-1725KTL-H-EX-3M8/ PWS1-1725KTL-H-EX-3M8-O	PWS1-1725KTL-H-EX-2M8/ PWS1-1725KTL-H-EX-2M8-O	PWS1-1725KTL-H-EX-1M8/ PWS1-1725KTL-H-EX-1M8-O
Battery terminal parameters				
Battery type	LFP/ lithium cell			
Battery voltage range	1070 V~1500 V			
Rated voltage	1250 V			
Rated charging/ discharging current	690 A	518 A	345 A	172 A
Maximum charging/ discharging current	806 A	605 A	403 A	201 A
Rated charging/ discharging power	862 KW	646 KW	431 KW	215 KW
Grid terminal parameters				
Nominal a.c. input/ output voltage	690V, 3~PE			
Nominal a.c. input/ output frequency	50Hz			
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**Signature**

**Name: Sky Zhu**

**Position: Supervisor**

**Date: 31 July 2025**

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