

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

See Appendix

Ratings & Principle Characteristics:

Sinexcel

Brand Names:

EN IEC 61000-6-4:2019

Specification<s>/Standards:

EN IEC 61000-6-2:2019

Verification Issuing Office Name

Intertek Testing Services Shenzhen Ltd. Guangzhou Branch

& Address:

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
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Grid terminal parameters				
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Signature

Name: Sky Zhu

Position: Supervisor

Date: 31 July 2025

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