


Test Verification of Conformity

Verification Number: 220511038GZU-VOC001

On the basis of the referenced test report(s), sample(s) tested of the below product have been found to comply with the standards harmonized with the directives listed on this verification at the time the tests were carried out. Other standards and Directives may be relevant to the product. This verification is part of the full test report(s) and should be read in conjunction with it <them>.

Once compliance with all product relevant  mark directives are verified, including any relevant e.g. risk assessment and production control, the manufacturer may indicate compliance by signing a Declaration of Conformity themselves and applying the mark to products identical to the tested sample(s).

Applicant Name & Address:	Shenzhen Sinexcel Electric Co., Ltd Building 6, BaiWangXin High-tech Industrial Park, NANSHAN DISTRICT Shenzhen - CHINA
Product Description:	DC-DC CONVERTER
Models/Type References:	PDS1-750K-H-1M1, PDS1-750K-H-2M1, PDS1-750K-H-3M1, PDS1-750K-H-4M1, PDS1-750K-H-5M1, PDS1-750K-H-6M1, PDS1-750K-H-7M1, PDS1-750K-H-8M1, PDS1-750K-H-2M2, PDS1-750K-H-4M2, PDS1-750K-H-6M2, PDS1-750K-H-8M2, PDS1-750K-H-2M4, PDS1-750K-H-4M4, PDS1-750K-H-6M4, PDS1-750K-H-8M4
Ratings & Principle Characteristics:	See Appendix
Brand Name:	Sinexcel
Relevant Standards/Directives:	EN IEC 61000-6-4:2019 EN IEC 61000-6-2:2019 EMC Directive 2014/30/EU
Verification Issuing Office Name & Address:	Intertek Testing Services Shenzhen Ltd. Guangzhou Branch Room 02, & 101/E201/E301/E401/E501/E601/E701/E801 of Room 01 1-8/F., No. 7-2. Caipin Road, Science City, GETDD, Guangzhou, Guangdong, China
Date of Tests:	05 July 2022 to 07 July 2022
Test Report Number(s):	220511038GZU-001
Additional information in Appendix.	



Signature

Name: Sky Zhu

Position: Team Leader

Date: 20 September 2023

This Verification is for the exclusive use of Intertek's client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Verification. Only the Client is authorized to permit copying or distribution of this Verification. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. The observations and test/inspection results referenced in this Verification are relevant only to the sample tested/inspected. This Verification by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program.

APPENDIX: Test Verification of Conformity

This is an Appendix to Test Verification of Conformity Number: 220511038GZU-VOC001

Ratings & Principle
Characteristics:

Model	PDS1-750K-H-1M1	PDS1-750K-H-2M1	PDS1-750K-H-3M1	PDS1-750K-H-4M1
Max. PV voltage	1500Vdc			
PV voltage range	500V – 1500Vdc			
Max. continuous current	94Adc	188Adc	281Adc	375Adc
DC voltage range	500V - 1500Vdc			
Max. continuous current	94Adc	188Adc	281Adc	375Adc
Rate power	94KW	188KW	281KW	375KW
Max. power	104KW	207KW	309KW	413KW
Safety level	Class I			
Ingress Protection	IP 54			
Operation Ambient Temperature	-40°C - +55°C			
Software version	V1.0			
Model	PDS1-750K-H-5M1	PDS1-750K-H-6M1	PDS1-750K-H-7M1	PDS1-750K-H-8M1
Max. PV voltage	1500Vdc			
PV voltage range	500V – 1500Vdc			
Max. continuous current	469Adc	563Adc	656Adc	750Adc
DC voltage range	500V – 1500Vdc			
Max. continuous current	469Adc	563Adc	656Adc	750Adc
Rate power	469KW	563KW	656KW	750KW
Max. power	516KW	620KW	722KW	825KW
Safety level	Class I			
Ingress Protection	IP 54			
Operation Ambient Temperature	-40°C - +55°C			
Software version	V1.0			
Model	PDS1-750K-H-2M2	PDS1-750K-H-4M2	PDS1-750K-H-6M2	PDS1-750K-H-8M2
Max. PV voltage	1500Vdc			
PV voltage range	500V – 1500Vdc			
Max. continuous current	1*188Adc	1*375Adc	2*281Adc	2*375Adc
DC voltage range	500V – 1500Vdc			

This Verification is for the exclusive use of Intertek's client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Verification. Only the Client is authorized to permit copying or distribution of this Verification. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. The observations and test/inspection results referenced in this Verification are relevant only to the sample tested/inspected. This Verification by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program.

Max. continuous current	188Adc	375Adc	563Adc	750Adc
Rate power	188KW	375KW	563KW	750KW
Max. power	207KW	413KW	620KW	825KW
Safety level	Class I			
Ingress Protection	IP 54			
Operation Ambient Temperature	-40°C - +55°C			
Software version	V1.0			
Model	PDS1-750K-H-2M4	PDS1-750K-H-4M4	PDS1-750K-H-6M4	PDS1-750K-H-8M4
Max. PV voltage	1500Vdc			
PV voltage range	500V – 1500Vdc			
Max. continuous current	188Adc	375Adc	563Adc	750Adc
DC voltage range	500V – 1500Vdc			
Max. continuous current	188Adc	375Adc	563Adc	750Adc
Rate power	188KW	375KW	563KW	750KW
Max. power	207KW	413KW	620KW	825KW
Safety level	Class I			
Ingress Protection	IP 54			
Operation Ambient Temperature	-40°C - +55°C			
Software version	V1.0			



Signature

Name: Sky Zhu

Position: Team Leader

Date: 20 September 2023

This Verification is for the exclusive use of Intertek's client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Verification. Only the Client is authorized to permit copying or distribution of this Verification. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. The observations and test/inspection results referenced in this Verification are relevant only to the sample tested/inspected. This Verification by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program.