


Test Verification of Conformity

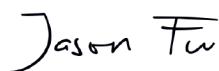
Verification Number: 230804036GZU-VOC001

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>. This verification replaces previous verification dated: 24-Apr-2023: 230221038GZU-VOC001

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

Applicant Name & Address:	Shenzhen Sinexcel Electric Co., Ltd Building 6, BaiWangXin High-tech Industrial Park, NANSHAN DISTRICT Shenzhen - CHINA
Product Description:	DC-DC CONVERTER
Ratings & Principle Characteristics:	See Appendix: Test Verification of Conformity
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
Brand Name:	Sinexcel
Relevant Standards/Directives:	IEC/EN 62109-1: 2010 Safety of power converters for use in photovoltaic power systems – Part 1: General requirements Low Voltage Directive 2014/35/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:	13 May 2022 to 30 June 2022
Test Report Number(s):	220511035GZU-001, Revision 2: 11 Aug 2023

Additional information in Appendix.



Signature

Name: Jason Fu

Position: Supervisor

Date: 28 August 2023

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APPENDIX: Test Verification of Conformity

This is an Appendix to Test Verification of Conformity Number: 230804036GZU-VOC001.

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			

Jason Fu

Signature

Name: Jason Fu

Position: Supervisor

Date: 28 August 2023

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APPENDIX: Test Verification of Conformity

This is an Appendix to Test Verification of Conformity Number: 230804036GZU-VOC001.

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	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			
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			

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