

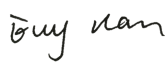
Test Verification of Conformity

Verification Number: 250723111GZU-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 verification replaces previous verification number 241114018GZU-VOC001 dated: 02-01-2025.

This document can be used in support of a claim in meeting relevant 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:	Huawei Digital Power Technologies Co., Ltd. Office 01, 39th Floor Block A, Antuoshan Headquarters Towers, 33 Antuoshan 6th Road, Futian District, Shenzhen, 518043, China
Product Description:	Smart PCS
Ratings & Principal Characteristics:	See Appendix: Test Verification of Conformity
Models/Type References:	PCS2000-108K-MB1
Brand Names:	 HUAWEI
Specification<s>/Standards:	Safety requirements for power electronic converter systems and equipment Part 1: General / EN IEC 62477-1:2023
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:	14 Nov. 2024 – 02 January 2025
Test Report Number(s):	241114018GZU-003, Revision1: 13 Aug 2025



Signature

Name: Elly Han

Position: Project Manager

Date: 13 Aug 2025

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APPENDIX: Test Verification of Conformity

This is an Appendix to Test Verification of Conformity Number:250723111GZU-VOC001.

Model	PCS2000-108K-MB1	
Max. Input voltage	1100Vdc	
Input voltage range	550 – 950Vdc	
Max. input current	187.1Adc	171.5Adc
Rated output power	108kW	99kW
Max. Output Apparent power	140.4kVA	128.7KVA
Nominal output voltage	380/400/415 Va.c, 3(N)~, 420/440/480 Va.c, 3(N)~	
Rated output current	164.1 Aac@380 Va.c., 155.9 Aac@400 Va.c., 150.3 Aac@415 Va.c., 148.5 Aac@420 Va.c., 141.8 Aac@440 Va.c., 130.0 Aac@480 Va.c.	150.5 A@ 380 Va.c. 142.9 A@400 Va.c. 137.8 A@415 Va.c. 136.1 A@ 420 Va.c. 130.0 A@440 Va.c. 119.1 A@480 Va.c.
Nominal output frequency	50/60Hz	
Power factor range	1(Leading) ~ 1(Lagging)	
Ingress protection	IP55	
Operation ambient temperature	-25°C - +65°C	
Remark: The product is a built-in component, the below additional consideration is needed in end-use product.		
The clearance and creepage distances must be further checked due to the enclosure of this product is not completed enclosure.		
Mechanical strength testing and fire enclosure requirements is needed to further be carried out in end product. Temperature testing is needed to further be carried out in end product.		
Protective bonding tests is needed to further be carried out in end product.		
Marking and Hydrostatic pressure for Liquid cooled PECS is needed to further be carried out in end product.		
Backfeed protection is needed to further be carried out in end product.		
Ingress protection is needed to further be carried out in end product.		
The PCS2000-108K-MB1 achieves 99kW rated power through software-controlled derating.		

Elly Han

Signature

Name: Elly Han

Position: Project Manager

Date: 13 Aug. 2025

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