

CERTIFICATE OF CONFORMITY

Issued to: Huawei Digital Power Technologies Co., Ltd.
Office 01, 39th Floor, Block A, Antuoshan Headquarters Towers, 33 Antuoshan 6th Road, Futian District, Shenzhen, 518043, P.R. China

For the product: Smart PCS

Trade name:



Type/Model: PCS2000-108K-MB1

Ratings: See Annex

Manufactured by: Huawei Digital Power Technologies Co., Ltd.
Office 01, 39th Floor, Block A, Antuoshan Headquarters Towers, 33 Antuoshan 6th Road, Futian District, Shenzhen, 518043, P.R. China

Requirements: Engineering Recommendation G99 Issue 1 – Amendment 10:2024 (G99/1-10:2024)
(Requirements for Type B Generating Module)

This Test Certificate is granted on account of an examination by DEKRA, the results of which are laid down in a confidential file no. 6199027.51.

The examination has been carried out on one single specimen of the product. The Attestation does not include an assessment of the manufacturer's production. Conformity of his production with the specimen tested by DEKRA is not the responsibility of DEKRA.

This Test Certificate expires at the latest on 28 November 2029 or expires upon withdrawal of one of the above mentioned standards.

Shanghai, 28 November 2024

Number: 6199027.02COC

DEKRA Testing and Certification (Shanghai) Ltd.


Cliff Lin
Certification Manager

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Ratings of the test product:

Operating temperature range: - 25°C to + 65°C

Protective class: I

Ingress protection rating: IP55

Power factor range (adjustable): 1 leading...1 lagging

Overvoltage category: III(Mains), II(DC)

Operating altitude: 4000 m

Inverter Topology: Non-Isolation

PCS2000-108K-MB1:

Input port: max. voltage 1100 V, max. continuous current 187.1 A, Operating range 550 -950 V

Output port: nominal voltage 380/400/415 V, 420/440/480 V, 50/60 Hz, rated power 108 kW, rated apparent power 108 kVA, max. apparent power(5s) 140.4 kVA, rated current 164.1 A, 380 Vac; 155.9 A, 400 Vac; 150.3 A 415 Vac; 148.5 A, 420 Vac; 141.8 A, 440 Vac; 130.0 A, 480 Vac;

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