

# Certificate of Conformity

Certificate Number: CN-PVES-240563

On the basis of the tests undertaken, the sample<s> of the below product have been found to comply with the requirements of the referenced specification<s>/standard<s> at the time the tests were carried out. It does not imply that Intertek has performed any surveillance or control of the manufacture(s). The manufacturer(s) shall ensure that the manufacturing process assures compliance of the production units with the examined products mentioned in this certificate.

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|---|--|
| <b>Applicant:</b>                                     | Huawei Digital Power Technologies Co., Ltd.<br>Office 01, 39th Floor, Block A, Antuoshan Headquarters Towers, 33<br>Antuoshan 6th Road, Futian District, Shenzhen, 518043, P.R. China.   |
| <b>Product:</b>                                       | Smart PCS  |
| <b>Ratings &amp; Principle Characteristics:</b>       | See appendix of Certificate of Conformity  |
| <b>Model:</b>   | PCS2000-108K-MB1   |
| <b>Brand Name&lt;s&gt;:</b>                           | <br>HUAWEI   |
| <b>Product Complies with:</b>                         | EN 50549-1: February 2019+A1 2023 Requirements for generating plants to be connected in parallel with distribution networks<br>Part 1: Connection to a LV distribution network - Generating plants up to and including Type B<br>EN 50549-2: February 2019+A1 2023 Requirements for generating plants to be connected in parallel with distribution networks<br>Part 2: Connection to a MV distribution network - Generating plants up to and including Type B<br>Type approval for type A and B |
| <b>Certificate Issuing Office Name &amp; Address:</b> | Intertek Testing Services Ltd. Shanghai<br>West Area, 2 <sup>nd</sup> Floor, No. 707, Zhangyang Road<br>China (Shanghai) Pilot Free Trade Zone, Shanghai, P. R. China<br>Accredited by ACCREDIA in accordance with ISO/IEC 17065:2012  |
| <b>Test Report No.&lt;s&gt;:</b>                      | 241101102GZU-001, 23 December 2024<br>241101102GZU-002, 23 December 2024   |

According to Annex H of the standard EN 50549-1:2019, generating plants compliant with the clauses of this European Standard are considered to be compliant with the relevant Article of COMMISSION REGULATION (EU) 2016/631, provided, that all settings as provided by the DSO and the responsible party are complied with. Additional information in Appendix.



**Signature**

**Certification Manager: Grady Ye**

**Date: 24 Dec. 2024**



PRD N° 306B

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## APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PVES-240563.

|                                |  |
|--------------------------------|--|
| Model                          | PCS2000-108K-MB1                               |
| Rated output power             | 108000W  |
| Rated Output Apparent power    | 108000VA                                       |
| Max. Output Apparent power(5s) | 140400VA                                       |
| Nominal output voltage         | 230/400Va.c.<br>277/480Va.c.                   |
| Rated output current           | 155.9A 400Va.c. 3(N)~<br>130.0A 480Va.c. 3(N)~ |
| d.c. voltage operating range   | 550~950Vd.c.                                   |
| Max. Continuous Current        | 187.1 Ad.c.                                    |
| Max. Dc voltage                | 1100Vd.c.                                      |
| Nominal output frequency       | 50/60Hz  |
| Power factor range             | 1lagging-1leading                              |
| Ingress protection             | IP55   |
| Protection Class               | I  |
| Operation ambient temperature  | -25~+65°C                                      |
| Software version               | LUNA2000B V200R024C00                          |

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