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## **Evaluation Report No. 492011984.001**

**PV Grid-interactive Inverter Qualification  
according to IEC 62109-1:2010 & IEC 62109-2:2011 & EN 62109-1:2010 & EN 62109-2:2011**

**Applicant: Shenzhen Hopewind Technology Co., Ltd.**

A1 Area of Building 6, Jinhaoyuan, No.1 of Yanshan Avenue, Yanchuan  
Community, Songgang Sub-district, Baoan District, Shenzhen, Guangdong  
Province, China

**File No.: PVP01079/22B-01**

**Designed: by:**  
**(Project Engineer)**

**Reviewed: by:**  
**(Technical Certifier)**

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# Evaluation Report



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Applicant .....	<b>Shenzhen Hopewind Technology Co., Ltd.</b> A1 Area of Building 6, Jinhaoyuan, No.1 of Yanshan Avenue, Yanchuan Community, Songgang Sub-district, Baoan District, Shenzhen, Guangdong Province, China
Manufacturer .....	<b>Shenzhen Hopewind Technology Co., Ltd.</b> A1 Area of Building 6, Jinhaoyuan, No.1 of Yanshan Avenue, Yanchuan Community, Songgang Sub-district, Baoan District, Shenzhen, Guangdong Province, China
Factory .....	<b>Suzhou Hopewind Electric Co., LTD</b> 555 Songjia Road, wusongjiang science and Technology Industrial Park, wuzhong Economic Development Zone, Suzhou. Jiangsu Province, China
Order no.....	QT-PVP01079/22B
Date of application .....	01/21/2022
Product(s) .....	PV Grid-interactive Inverter
Model type(s) .....	hopeSun 100KTL, hopeSun 110KTL, hopeSun 125KTL-M, hopeSun 136KTL-M
Type of examination .....	Commission testing only
Testing Period .....	01/02/2022 - 02/19/2022
Testing Laboratory.....	<b>Dongguan BALUN Testing Technology Co., Ltd.</b> Room 104, 204, 205, Building 1, No. 6, Industrial South Road, Songshan Lake District, Dongguan, Guangdong, China
Annex(es) .....	Annex 1: Test report no. BL-DG2220384-B01 IEC 62109-1:2010& EN 62109-1:2010 (109 pages) Annex 2: Test report no. BL-DG2220384-B01 attachment 1 IEC 62109-2:2011& EN 62109-2:2011 (34 pages) Annex 3: Constructional Data Form (11 pages)

Test results listed in this report refer exclusively to the mentioned test sample.

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The submitted test samples as described in the reports hereunder are in compliance with the requirements:  
IEC 62109-1:2010/EN 62109-1:2010 "Safety of power converters for use in photovoltaic power systems – Part 1: General requirements"  
IEC 62109-2:2011/EN 62109-2:2011 "Safety of power converters for use in photovoltaic power systems – Part 2: Particular requirements for inverters"