

TEST REPORT

Applicant : SHENZHEN POWEROAK NEWENER CO., LTD
Address : F19, BLD No.1, Kaidaer, Tongsha Rd No.168, Xili Street, Nanshan, Shenzhen, China

Report No : 240829162GZU-001 **Issue Date** : 25 September.,2024

Sample Description

Name of Sample : Inverter
Brand name : No
Model Number : EP2000
Quantity of Sample(s) : 1
Date of Receival : 03 September 2024
Date of test Conducted : 04 September 2024

Test

Test Requested : IP65
Test Method : Refer to IEC/EN 62109-1:2010 clause 6.3 (Accordance with IEC 60529)
Test Observation: : See appendix test condition for details
Test Conclusion: : **Pass**
Other information : --
Remark :

- This test report is only for evaluation of the specified standard clauses listed in Test Requested.
- When determine the test result, measurement uncertainty has been considered.

***** End of page *****

Tested by:
Keane Li

 Keane Li
 Engineer

Approved by:
Jason Fu

 Jason Fu
 Supervisor

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The test report only allows to be revised only within the report defined retention period unless standard or regulation was withdrawn or invalid.

Difference of the models:
NA.

Copy of marking plate:



Name and address of factory (ies):

Huizhou PowerOak Innovation Co.,Ltd.

(No.1 Workshop) Longsheng 5th Road, Laoshe Village, Dayawan West Zone 516083 Huizhou City, Guangdong Province PEOPLE'S REPUBLIC OF CHINA

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Appendix test condition :

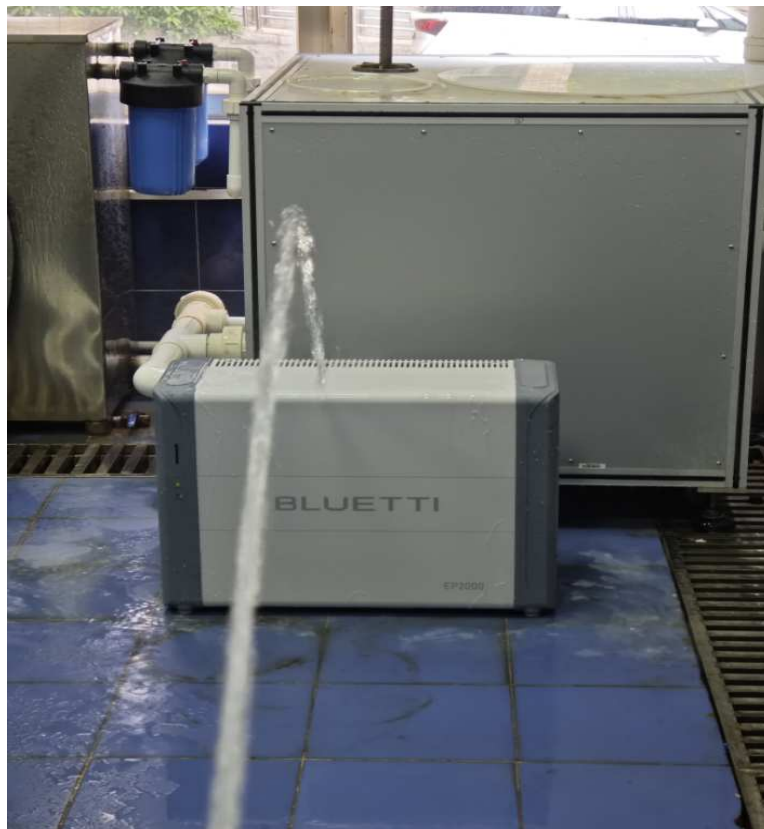
Number	Test items	Test condition	Test result
<u>1</u>	IP6X	The enclosure under test is supported inside the test chamber and the pressure inside the enclosure is maintained below the surrounding atmospheric pressure by a vacuum pump, The suction connection shall be made to a hole specially provided for the test.	No deposit of dust is observable inside the enclosure.
<u>2</u>	IPX5	Internal diameter of the nozzle: 6.3 mm Delivery rate: 12.5 L/min Core of the substantial stream: circle of approximately 40 mm diameter at 2.5 m distance from nozzle Test duration: 3 min Distance from nozzle to enclosure surface: between 2.5 m and 3 m.	No water inside the enclosure

Appendix Photos:

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Test setup of IP6X



Test setup of IPX5

Appendix Photos:

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Checked after test finish

*****End of report*****