

Test Report

Report No: SZES260100021001

Date: 2026-01-23

Applicant: Jackery Technology GmbH
Bahnstraße 9, 40212 Düsseldorf, Germany

Manufacturer: Shenzhen Hello Tech Energy Co., Ltd.
F2-3, Building 7, Jiaanda Science and Technology Industrial Park Factory, the
East Side of Huafan Road, Tongsheng Community, Dalang Street, Longhua
District, Shenzhen, Guangdong, China

Test object: Jackery Solarvault 3 Pro
Jackery SolarVault 3 Pro Max
Jackery SolarVault 3 Pro Max AC

Trade mark: Jackery

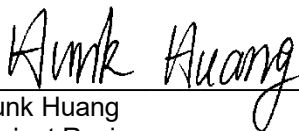
Model: JS3-2500PA-GY, JS3-2500PA-GY-20
JS3-2500PMA-GY, JS3-2500PMA-GY-15, JS3-2500PMA-GY-25
JS3-2500PMB-GY, JS3-2500PMB-GY-15, JS3-2500PMB-GY-25

Test specifications /
Test standard: IP65 of IEC 60529:1989 + A1:1999 + A2:2013 and EN 60529:1991 + A1:2000 +
A2:2013

Purpose of
examination: Test according to the test specification.

Test result: The presented unit was found to be in compliance with the test specification.

Remark: --



Hunk Huang
Project Reviewer
Safety Laboratory



Edwin Zhou
Project Engineer



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1. Function / Description:

All models in this report are identical except for output on-grid power, inverter, MC4 terminal port and model name. Unless otherwise specified, all tests were carried out on model JS3-2500PA-GY were considered representative.

2. Test:

Test Lab: SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Test Location: No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, Guangdong, China.

These tests fulfil the requirements of standard ISO/IEC 17025:2017

No decision rule is specified by standard, when comparing the measurement result with the applicable limit according to the specification in that standard. The decisions on conformity are mad without applying the measurement uncertainty ("simple acceptance" decision rule, previously known as "accuracy method")

Test condition:

For IP6X:

1. Tested with a dust chamber;
2. The enclosure 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 this test;
3. The object of the test is to draw into the enclosure, by means of depression, a volume of air 80 times the volume of the sample enclosure tested without exceeding the extraction rate of 40 volumes per hour;
4. The enclosure is obtained the duration of test is 8 h.

For IPX5:

1. Tested with a standard test nozzle;
2. The delivery rate: 12.5 L/min $\pm$ 5 %;
3. The water pressure;
4. Core of substantial stream: circle of approximately 40 mm diameter at 2.5 m distance from nozzle;
5. Test duration per square metre of enclosure surface area likely to be sprayed: 1 min;
6. Test duration: 3 min;
7. Distance from nozzle to enclosure surface: 2.7 m.

Water temperature: 21.1 °C

Possible test case verdicts:

Test case does not apply to the test object: N/A (Not applicable)

Test item does meet the requirement: P (Pass)

Test item does not meet the requirement: F (Fail)

1 sample was provided for testing.

Date of receipt of test item: 2026-01-07

Date(s) of performance of tests: 2026-01-16 to 2026-01-20



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Clause	Requirement	Remarks	Verdict
1	Scope and object		--
2	Normative reference		--
3	Definitions		--
4	Designations		--
5	Degrees of protection against access to hazardous parts and against solid foreign objects indicated by the first characteristic numeral	IP6X	P
6	Degrees of protection against ingress of water indicated by the second characteristic numeral	IPX5	P
7	Degrees of protection against access to hazardous parts indicated by the additional letter		N/A
8	Supplementary letter		N/A
9	Examples of designations with the IP code	IP65	P
10	Marking		N/A
11	General test requirements		P
12	Test for protection against access to hazardous parts indicated by the first characteristic numeral	After the test, the 1.0 mm probe cannot pass through the opening.	P
13	Test for protection against solid foreign objects indicated by the first characteristic numeral	After the test, no deposit of dust is observable inside the enclosure. (The sample does not contain batteries inside, only the protective performance of the outer enclosure is considered.)	P
14	Test for protection against water indicated by the second characteristic numeral	After the test, no water entered the enclosure. (The sample does not contain batteries inside, only the protective performance of the outer enclosure is considered.)	P
15	Test for protection against access to hazardous parts indicated by the additional letter		N/A



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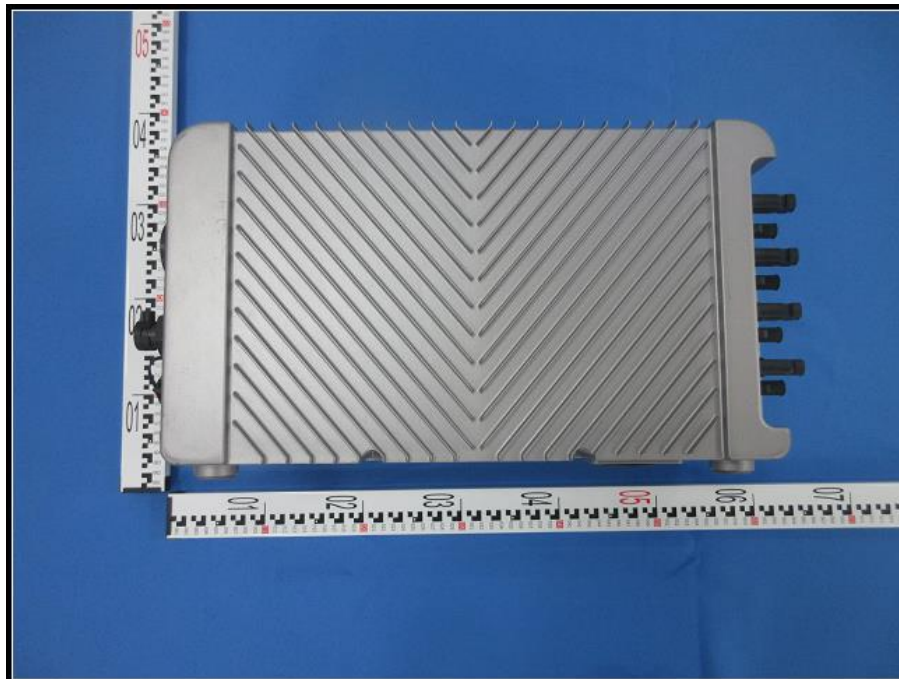
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Photo document

Test specimen (before test)



Test specimen (before test)



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IPX5 test



After IPX5 test (no water entered)



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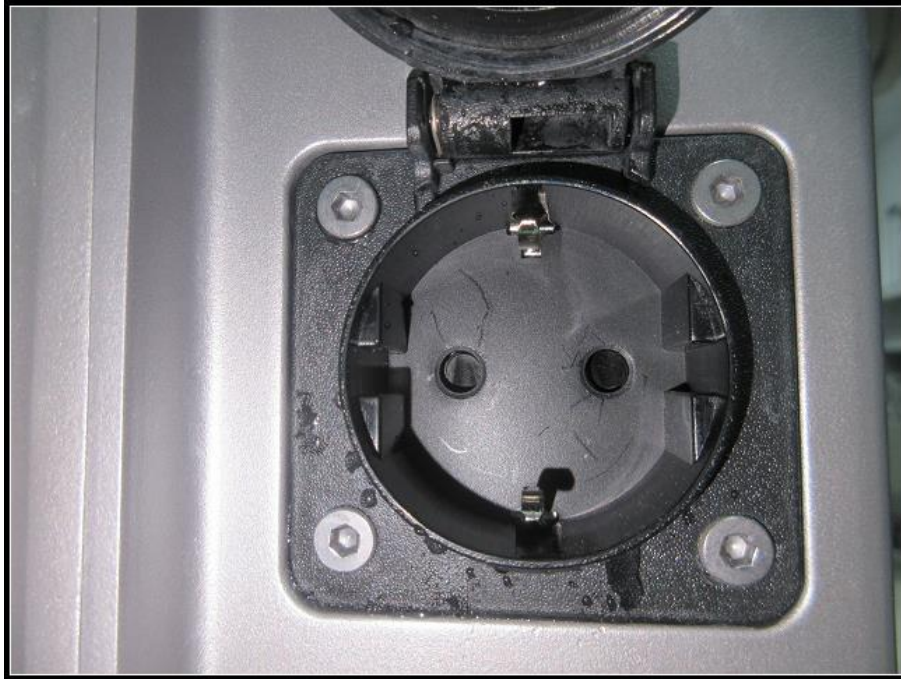
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After IPX5 test (no water entered)



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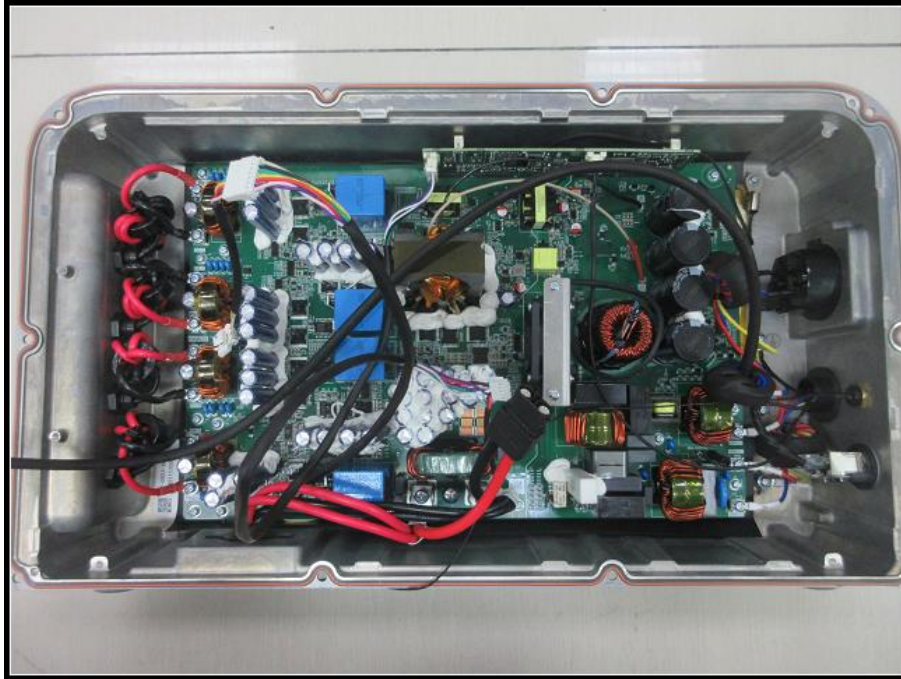
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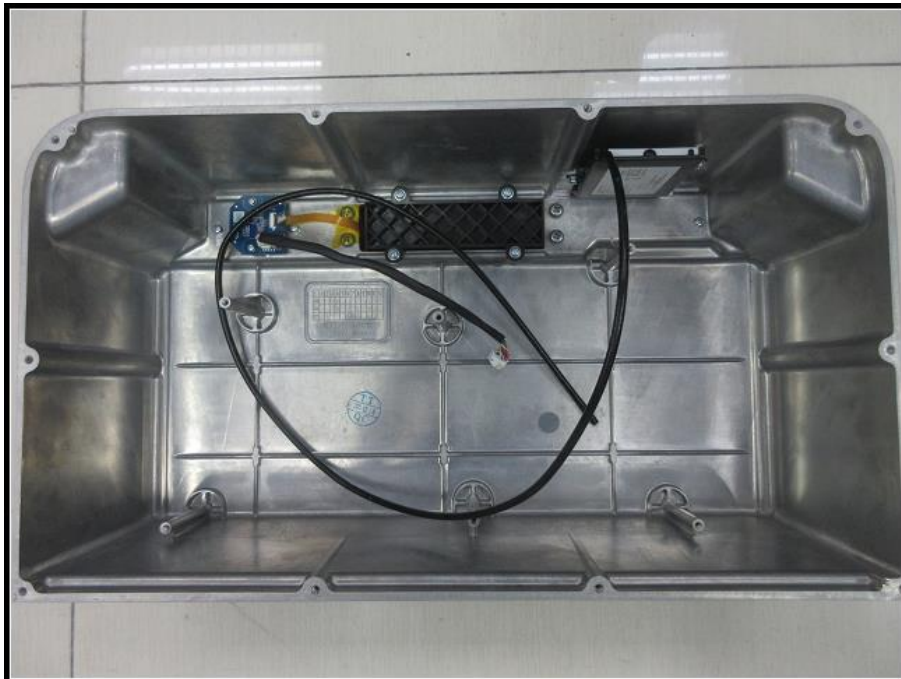
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After IPX5 test (no water entered)



After IPX5 test (no water entered)



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IP6X test



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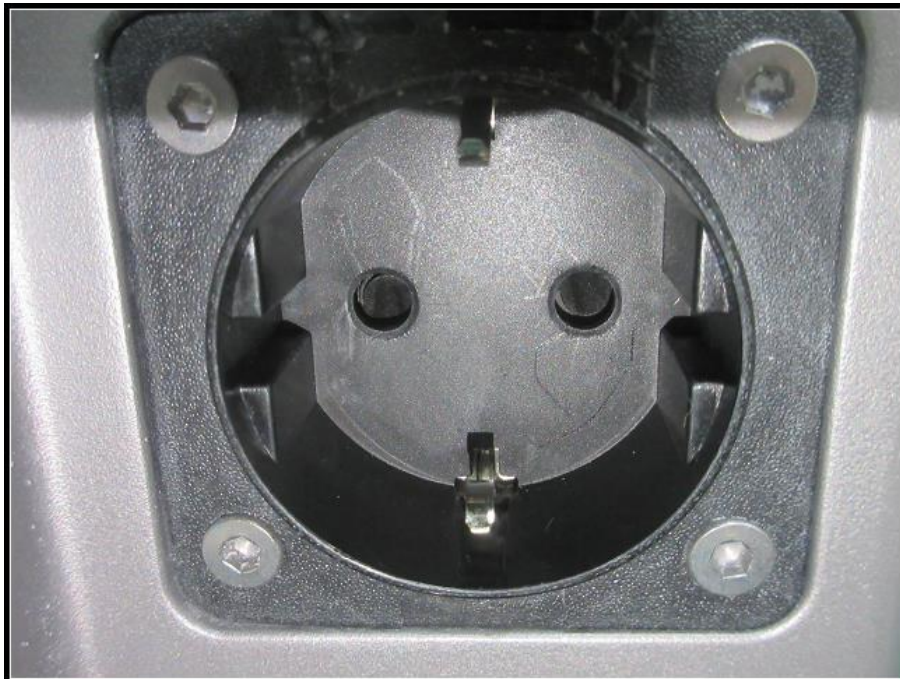
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After IP6X test (no deposit of dust is observable inside the enclosure)



After IP6X test (no deposit of dust is observable inside the enclosure)



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- - - End of Report - - -



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