

TEST CERTIFICATE

The product Photovoltaic Module has been tested by UL International Germany GmbH and found to comply in accordance with the Standard indicated on this report.

Certificate Number: 4790324433-B

Issue Date: 2022-10-27

Test Location: UL-CCIC Company Limited

Issued to: PHILADELPHIA SOLAR LTD CO

Tested Models: Type 1) PS-M144(HC)-540W (half-cut monofacial)
Type 2) PS-M144(HCBF)-GG-540W (half-cut bifacial)
(Refer to Report No. 4790324433-B for BOM and Test details)

Test Sequence: CYCLIC (DYNAMIC) MECHANICAL LOAD TESTING OF PHOTOVOLTAIC (PV) MODULES

Test Condition(s): Positive/Negative Load: 1000 Pa
Total Cycle: 1000 Cycle
No subsequent weathering stress tests

Standard(s): IEC TS 62782:2016, PHOTOVOLTAIC (PV) MODULES - CYCLIC (DYNAMIC) MECHANICAL LOAD TESTING, EDITION 1, ISSUE DATE 03/2016

* Manufacturer declares that samples submitted for evaluation are representative of the covered models and produced using the same materials, components, equipment, and processes. Details of the bill of materials are provided in Appendix 4 of the test report. Any change in design, materials, components, equipment, and processes may require retesting to maintain the compliance.

Disclaimer: Test results apply only to the sample(s) actually tested by UL International Germany GmbH or its vendor. The client provided all of the test samples for testing by UL. UL did not select the samples or determine whether the samples provided were representative of other manufactured products. UL has not established Follow-Up Service or other surveillance of the product. The client and or manufacturer are solely and fully responsible for conformity of all products to all applicable standards, specifications or requirements. UL Logo and Marks shall not be used in connection with the above tested product(s). Only those products bearing the UL Listing and Classification Marks should be considered as being covered by UL's Listing, Classification and Follow-Up Service. Look for the UL Listing and Classification Mark on the product.

Issued By:



Nasir Ister
UL International Germany GmbH

Authorized By



Ali Eminel
UL International Germany GmbH



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Models Covered*:

- Series of Product Type 1) Half-cut Monofacial:**
 - PS-M144(HC)-xxxW (Where xxx: 485-590 watt) (Tested series)
 - PS-M132(HC)-xxxW (Where xxx: 450-540 watt)
 - PS-M120(HC)-xxxW (Where xxx: 405-495 watt)
 - PS-M108(HC)-xxxW (Where xxx: 365-445 watt)
- Series of Product Type 2) Half-cut Bifacial:**
 - PS-M144(HCBF)-GG-xxxW (Where xxx: 485-590 watt) (Tested series)
 - PS-M132(HCBF)-GG-xxxW (Where xxx: 450-540 watt)
 - PS-M120(HCBF)-GG-xxxW (Where xxx: 405-495 watt)
 - PS-M108(HCBF)-GG-xxxW (Where xxx: 365-445 watt)

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