

[Back](#)

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## Certified Product

**Photovoltaic modules: see below**

**Certificate Holder: The Solaria Corporation**

**Test Mark Number: 1111230396**



The test entails:

- IEC 61215
- IEC 61730
- Regular Production Surveillance

Product "Photovoltaic modules, PowerXT-xxxR-PM (xxx = 360 – 440 in steps of 5) xxx represent output power in Wp" as named in the certificate was tested by TÜV Rheinland Energy GmbH and fulfills the defined requirements.

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### Description:

The Photovoltaic (PV) modules of **The Solaria Corporation**, were tested by TÜV Rheinland Energy GmbH according to the following standards:

*IEC 61215-1:2016 / EN 61215-1: 2016: Terrestrial photovoltaic (PV) modules  
- Design qualification and type approval - Part 1: Test requirements*

*IEC 61215-1-1:2016 / EN 61215-1-1:2016: Terrestrial photovoltaic (PV) modules  
- Design qualification and type approval - Part 1-1: Special requirements  
for testing of crystalline silicon photovoltaic (PV) modules*

*IEC 61215-2:2016 / EN 61215-2:2017: Terrestrial photovoltaic (PV) modules  
- Design qualification and type approval - Part 2: Test procedures*

*IEC 61730-1:2016 / EN 61730-1:2018: Photovoltaic (PV) module safety qualification  
- Part 1: Requirements for construction*

*IEC 61730-2:2016 / EN 61730-2:2018: Photovoltaic (PV) module safety qualification  
- Part 2: Requirements for testing*

The test procedure comprises two major aspects:

**1) Sample testing:**

The accredited laboratory of TÜV Rheinland runs product tests on selected test samples to verify that these samples fulfil the requirements of the relevant standards.

The testing includes among other features:

- Hail test
- UV-exposure test
- Damp-heat test
- Mechanical load test
- Hot-spot endurance test
- Cut susceptibility test
- Humidity-freeze test
- Module breakage test

**2) Periodic inspection:**

TÜV Rheinland experts perform periodic quality and production control at the manufacturing site(s) to ensure that all produced PV modules are manufactured with the same materials, using the same processes and at the same quality level as the laboratory tested samples.

Further information on the test criteria and procedures can be found under Certified Properties next to the test mark on this page.

**Further information by the certificate holder about the certified product:**

The certificate holder has not provided further information about the certified product.

**The Solaria Corporation****Contact to the certificate holder:**

45700 Northport Loop East  
94538 Fremont  
United States

**Further Information**

- All product certificates of The Solaria Corporation
- Request more information on The Solaria Corporation

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