

Lighting Global Product Testing Verification Solar Home System

Report Date: August 2015
Expiration Date: August 31, 2017¹
Reference #: sw-shs-2015

This verifies that the Solar Home System was tested according to the Quality Test Method in the draft solar home system test methods and met the draft Lighting Global Quality Standards for Solar Home Systems³ listed below.



Documentation:

Specifications sheet with verified test results and original version of this verification:
<http://www.lightingglobal.org/products/sw-shs>

Testing Details:

Company Name: SolarWorks!
Company Contact: Arnoud de Vroomen, info@solar-works.nl
Sample Procurement Date: December 2014
Sample Size: n=4
Sample Procurement Method: Random warehouse sampling
Testing Laboratory: Fraunhofer Institute for Solar Energy Systems, Freiburg, Germany

Quality Standards:

- Truth in Advertising:** Accurate Labeling (e.g., rated run time, battery capacity, PV power)
- Lumen Maintenance:** At least 90% of initial brightness maintained over 2000 hours of operation
- Quality:** Passed basic durability and quality checks
- Warranty:** At least 3-year consumer facing warranty for system and 2-year warranty for battery



Russell Sturm
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¹ Lighting Global requires re-testing every two years or upon major product revisions, and in special cases reserves the right to grant an extension on results validity.

² The full draft Quality Standards for Solar Home Systems are available at: <https://www.lightingglobal.org/qa/stakeholder-engagement/>