

Lighting Global Product Testing Verification

Solar Home Lighting System - PS-K013N

July 2014 (valid to July 31, 2016¹)

Reference #: fe-sec-2014

This verifies that the Solar Home Lighting System - PS-K013N was tested according to the Quality Test Method in the latest edition of IEC 62257-9-5² and met the Lighting Global Quality Standards³ listed below.



Documentation:

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

Testing Details:

Company Name: Shenzhen Power-Solution Ind. Co., Limited
Company Contact: Judy Lee, sales@power-solution.net.cn
Sample Procurement Date: January 2014
Sample Size: n=6
Sample Procurement Method: Random warehouse sampling
Testing Laboratory: Lighting Research Center, Troy, NY USA

Quality Standards:

- Truth in Advertising:** Accurate Labeling (e.g., rated run time, battery capacity, PV power)
- Lumen Maintenance:** At least 85% of initial brightness maintained over 2000 hours of operation
- Quality:** Passed basic durability and quality checks
- Warranty:** At least 1-year consumer facing warranty



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Note: This product is identical to the Freeplay Energy Solar Energy Centre. The Standardized Specifications Sheet can be found at <http://www.lightingglobal.org/products/fe-sec>

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 <http://www.lightingglobal.org/activities/qa/testmethods.html>

³ <http://www.lightingglobal.org/activities/qa/standards.html>