

# Lighting Global Standardized Specifications Book

**Manufacturer:** Solar Run Energy Co. Ltd.

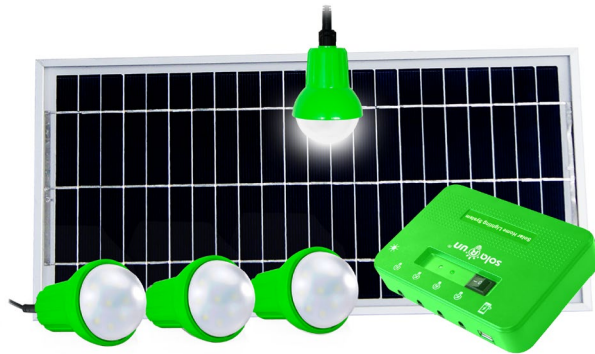
**Component Family Name:** Solar Home Lighting and Charging System Family

**Date of Standardized  
Specifications Book Expiration:** June 30, 2022

**Verify Online:** [www.lightingglobal.org/products/ssr-s4bfamily](http://www.lightingglobal.org/products/ssr-s4bfamily)

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This Lighting Global Standardized Specifications Book presents a **component-level Standardized Specifications Sheet** listing the available components in the product family by component type, each individual component's performance rating, and performance results for each component tested according to the Edition 4 of IEC 62257-9-5. Following the component-level Standardized Specifications Sheet is a **list of the systems** covered by this Specifications Book that use combinations of these components.

**NOTICE:** Systems or kits developed using components from the component family will each perform differently and have not all been evaluated on a system-level basis. All systems listed in this Specifications Book are regarded to have passed the applicable Lighting Global Quality Standards.

**Quality Standards Framework Version:** 2020

**Revision:** 2020.06

# Component-Level Standardized Specifications Sheet

Solar Run Energy Co. Ltd.

Solar Home Lighting and Charging System Family

## Battery / Control Box

Name / Model Number	Battery Chemistry	Nominal Voltage (V)	Battery Capacity Rating (mAh)	Measured Battery Capacity (mAh)
Main unit with 4.4 Ah battery	Lithium Ion	7.4	4400	4300
Main unit with 5.2 Ah battery	Lithium Ion	7.4	5200	5300

## PV Module

Name / Model Number	Peak Power at STC Rating (W)	Measured Peak Power at STC (W)
8 W PV module	8	7.8
10 W PV module	10	10

## Light Sources\*

Name / Model Number	Luminous Flux Rating (lm)	Measured Luminous Flux (lm)	Measured Lamp Efficacy (lm/W)
	High	High	High
1 W lamp	100	100	92
2 W lamp	200	170	120

**NOTICE:** As indicated, not all components listed on this page were tested according to the Quality Test Method (QTM) in Edition 4 of IEC 62257-9-5. However, based on the satisfactory performance of the tested components in the family, the components that were not tested are regarded to have passed the applicable Lighting Global Quality Standards. In addition, all tested components passed an internal inspection, the full array of applicable QTM durability tests, as well as ingress protection testing (where applicable).

\*Light points and appliances may perform differently when used with different systems.

# List of Covered Systems

Solar Run Energy Co. Ltd.

Solar Home Lighting and Charging System Family

System Name	Number of each component included in each system					
	1 W lamp	2 W lamp	main unit with 4.4 Ah battery	main unit with 5.2 Ah battery	8 W PV Module	10 W PV Module
<b>SR25* (Solar 4 Bulbs Home Lighting and Charging System)</b>		4		1	1	
<b>SR25A</b>		4		1		1
<b>SR25B</b>		4	1		1	
<b>SR25C</b>		4	1			1
<b>SR25D</b>	3		1			1
<b>SR25E</b>	3		1		1	

\*Tested as full system. Individual SSS available on Lighting Global website.

## **NOTICE:**

Only the Solar 4 Bulbs Home Lighting and Charging System was fully tested as a system according to Edition 4 of IEC 62257-9-5. Individual Standardized Specifications Sheets (SSS) that report system-level performance are available for the Solar 4 Bulbs Home Lighting and Charging System at [www.lightingglobal.org/products](http://www.lightingglobal.org/products). Systems that were not tested, but that were developed using components from the component family will perform differently than the system(s) shown in the individual system-level SSS. All systems listed above are regarded to have passed the applicable Lighting Global Quality Standards.

Unless otherwise noted, the following information applies to all listed systems and components:

### **Warranty Information**

One year warranty on all kits and components

### **Marks and Certifications**

Factory certification	0
Safety certification	0
Other certification	0