

Lighting Global Standardized Specifications Book

Manufacturer: Sinoware Technology Co. Ltd.

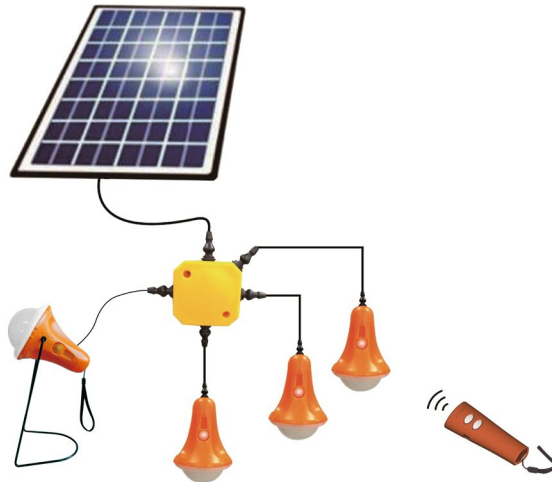
Component Family Name: SunAce II Family

**Date of Standardized
Specifications Book Expiration:** October 31, 2020

Verify Online: <http://www.lightingglobal.org/products/sino-safamily>

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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: 2019

Revision: 2019.08

Component-Level Standardized Specifications Sheet

Sinoware Technology Co. Ltd.

SunAce II Family

Battery / Control Box

Name / Model Number	Battery Capacity Rating (mAh)	Measured Battery Capacity (mAh)
3.2V/ 1500 mAh battery (LiFePO4)	1500	1600
3.2V/ 3000 mAh battery (LiFePO4)	3200	3200

PV Module

Name / Model Number	Peak Power at STC Rating (W)	Measured Peak Power at STC (W)
3 W PV module	3	2.7
4 W PV module	4	--
6 W PV module	6	--
10 W PV module	10	8.5

Light Sources*

Name / Model Number	Luminous Flux Rating (lm)	Measured Luminous Flux (lm)	Measured Lamp Efficacy (lm/W)
	High	High	High
Main Lamp/ Lamp A (with 3000 mAh battery)	240	22	110
Lamp B/ Lamp C (with 1500 mAh battery)	not rated	120	140
Torch	not rated	22	110

Appliances*

Name / Model Number	Description	Rated Power (W)	Measured Power while in-use (W)	Rated Battery Capacity (mAh)	Measured Battery Capacity (mAh)
Torch	A torch that with a battery capacity of 5.5 Ah and a nominal voltage of 3.2 V.	--	0.2	5500	5500

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

Sinoware Technology Co. Ltd.

SunAce II Family

System Name	Main Lamp/ Lamp A (with 3000 mAh battery)	Lamp B (with 1500 mAh battery)	Lamp C (with 1500 mAh battery and port)	3 W PV module	4 W PV module	6 W PV module	10 W PV module	Hub connector	Torch/ Remote control											
SunAce II**	1			1					1											
SunAce-02	1		1		1			1	1											
SunAce-03	1	1	1			1		1	1											
SunAce-04	2	1	1				1	1	1											

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

NOTICE:

Only the SunAce II was fully tested as a system according to Edition 4 of IEC 62257-9-5. An individual Standardized Specifications Sheet (SSS) that reports system-level performance is available for the SunAce II at 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 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