

# Lighting Global Standardized Specifications Book

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

**Component Family Name:** Apollo Family

**Date of Standardized  
Specifications Book Expiration:** August 30, 2021

**Verify Online:** <http://www.lightingglobal.org/products/ssr-apollofamily>

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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

Shenzhen Solar Run Energy Co. Ltd.

Apollo Family Family

## Battery / Control Box

Name / Model Number	Battery Capacity Rating (mAh)	Measured Battery Capacity (mAh)
Main Unit with 6 Ah battery (LiFePO4)	6000	5700
Main Unit with 9 Ah battery ((LiFePO4)	9000	9700
Torch battery (LiFePO4)	600	600

## PV Module

Name / Model Number	Peak Power at STC Rating (W)	Measured Peak Power at STC (W)
30 W PV module	30	31
40 W PV module	40	not tested
50 W PV module	50	53
Integrated Torch PV Module	0.2	0.18

## Light Sources\*

Name / Model Number	Luminous Flux Rating (lm)	Measured Luminous Flux (lm)	Measured Lamp Efficacy (lm/W)
	Ⓞ	Ⓞ	Ⓞ
LED lamp	240	240	57
Torch (front light)	50	56	95

## Appliances\*

Name / Model Number	Description	Rated Power (W)	Measured Power During Use (W)	Rated Battery Capacity (mAh)	Measured Battery Capacity (mAh)
Radio	portable radio with 3.7 V internal battery	--	0.44	1500	1900

**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

Shenzhen Solar Run Energy Co. Ltd.

Apollo Family

System Name	Number of each component included in each system									
	Led bulb	Main unit with 6 Ah battery	Main unit with 9 Ah battery	30 W PV module	40 W PV module	50 W PV module	Solar Torch	Radio		
SR31A **	3		1			1	1	1		
SR31B	3	1		1			1	1		
SR31C	3		1		1		1	1		
SR33	2	1		1						

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

## NOTICE:

Only the SR31A was fully tested as systems according to Edition 4 of IEC 62257-9-5. Individual Standardized Specifications Sheets (SSS) that report system-level performance are available for the SR31A 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**

Two year warranty on all kits and components