VeraSol
Standardized Specifications Book

Manufacturer: Shenzhen Solar Run Energy Co. LTD

Component Family Name: SR06 Family

Date of Standardized Specifications Book Expiration: September 30, 2021

Verify Online: www.verasol.org/products/ssr-SR06family

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This VeraSol 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 or to meet the requirements in IEC 62257-9-8*.

Quality Standards Framework Version: 2020
Revision: 2021.03

Component-Level Standardized Specifications Sheet
Shenzhen Solar Run Energy Co. LTD
SR06 Family

Battery / Control Box

Name / Model Number	Battery Chemistry	Nominal Voltage (V)	Battery Capacity Rating (mAh)	Measured Battery Capacity (mAh)
Main Unit with 6.2 Ah battery	Lithium iron phosphate	6.4 V	6000	6.2 Ah

PV Module

Name / Model Number	Peak Power at STC Rating (W)	Measured Peak Power at STC (W)
10 W PV Module	10	10
10 W PV Modules with USB port	10	10

Light Sources*

Name / Model Number	Luminous Flux Rating (lm)	Measured Luminous Flux (lm)	Measured Lamp Efficacy (lm/W)
	On	On	On
0.6 W LED lamp	60	76	120
1 W LED lamp	100	100	92
2 W LED lamp	180	170	130
Tubelight	260	320	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
Shenzhen Solar Run Energy Co. LTD
SR06 Family

System Name	Number of each component included in each system						
	0.6 W LED lamp	1 W LED lamp	2 W LED lamp	Tubelight	10 W PV module	10 W PV module with USB	Main Unit with 6.2 Ah battery
SR06**	3				1		1
SR06A		3			1		1
SR06B		2	2	1		1	1

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

NOTICE:

Only the Solar Home Lighting System (SR06) 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 Solar Home Lighting System (SR06) at www.verasol.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
Three- year warranty on SR06 and two-year warranty on all other kits and components