

Lighting Global Standardized Specifications Book

Manufacturer: Shenzhen Solar Run Energy Co. Ltd.

Component Family Name: YelloBox Family

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

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

Contact Information: info@solarunoffgrid.com

Website: www.solarunoffgrid.com



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: 2019.06

Component-Level Standardized Specifications Sheet

Shenzhen Solar Run Energy Co. Ltd.

YelloBox Family Family

Battery / Control Box

Name / Model Number	Battery Capacity Rating (mAh)	Measured Battery Capacity (mAh)
3000 mAh (LiFePO4)	3000	3400
5200 mAh(Li-Ion)	5200	4900
6000 mAh (LiFePO4)	6000	5900

PV Module

Name / Model Number	Peak Power at STC Rating (W)	Measured Peak Power at STC (W)
8 W PV Module	8	8.3
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	Low	High	Low	High	Low
1 W Lamp	100	--	100	--	92	--
2 W Lamp	--	--	165	--	95	--
Integrated Light with 3 Ah battery	not tested		not tested		not tested	
Integrated Light with 5.2 Ah battery	140	2	150	25	75	45
Integrated Light with 6 Ah battery	80	--	77	--	81	--

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.

YelloBox Family Family

System Name	Number of each component included in each system							
	1 W Lamp	2 W Lamp	Integrated Light	3000 mAh battery	5200 mAh battery	6000 mAh battery	8 W PV module	10 W PV module
YelloBox K088L1 **	4		1		1		1	
YelloBox K088T1 **	4		1			1		1
YelloBox K088T2	3		1	1			1	
YelloBox K088T3		3	1			1		1

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

NOTICE:

Only the YelloBox K088 L1 and YelloBox K088 T1 were 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 YelloBox K088 L1 and the YelloBox K088 T1 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(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 the K088-L1 and two-year warranty on the K088-T1, K088-T2 and K088-T3.