

VeraSol Standardized Specifications Book

Manufacturer: Schneider Electric Industries SAS

Component Family Name: Homaya Family PAYG

Date of Standardized Specifications Book Expiration: October 31, 2022

Verify Online: <https://data.verasol.org/products/sek/se-hya-family>

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Solar Home System S03
AEH-LSHSP3-S3000



Solar Home System S02
AEH-LSHSP2-S2000

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.

Quality Standards Framework Version: 2020

Revision: 2020.09

Component-Level Standardized Specifications Sheet

Schneider Electric Industries SAS

Homaya Family PAYG

Battery / Control Box

Name / Model Number	Battery Chemistry	Nominal Voltage (V)	Battery Capacity Rating (Ah)	Measured Battery Capacity (Ah)
Power Box S02	Lithium iron phosphate	12.8	3.3	3.3
Power Box S03	Lithium iron phosphate	12.8	10	11.7

PV Module

Name / Model Number	Peak Power at STC Rating (W)	Measured Peak Power at STC (W)
12 W PV module	12	12
30 W PV module	30	37

Light Sources*

Name / Model Number	Luminous Flux Rating (lm)		Measured Luminous Flux (lm)		Measured Lamp Efficacy (lm/W)	
	High	White light on high mode	High	White light on high mode	High	White light on high mode
Fixed Lamp	170	--	180	--	130	--
Headlamp	--	60	--	57	--	160
Integrated lamp	≤ 15 lm		--	--	--	--

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 may perform differently when used with different systems. The fixed lamp has 3 settings and the headlamp has 4 settings.

List of Covered Systems

Schneider Electric Industries SAS

Homaya Family PAYG

System Name	Number of each component included in each system						
	Fixed lamp	Headlamp	Integrated Lamp	12 W PV module	30 W PV module	Power Box S02	Power box S03
Solar Home System S02	3	1	1	1		1	
Solar Home System S03**	3	1	1		1		1

**Tested as full systems. Individual SSS available on VeraSol website.

NOTICE:

The Homaya Family PAYG Solar Home System S03 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 Homaya Family PAYG Solar Home System S03 at <https://data.verasol.org/products/sek>. 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 only for manufacturing defects. The warranty is void if the product is tampered with.

Marks and Certifications

Factory certification	ISO 9001:2015
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