

Homaya Solar Home System S01

Schneider Electric

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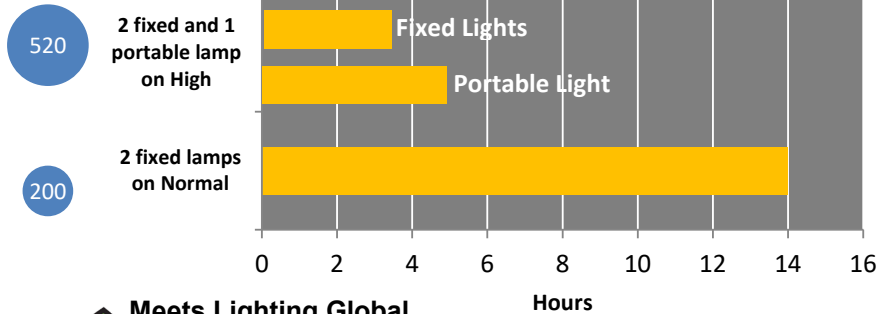
www.lightingglobal.org/products/se-hyaS01

Results based on test procedures detailed in IEC 62257-9-5, ed. 3.0

Valid Until: October 31, 2019

Lumens

Solar Run Time



Meets Lighting Global Quality Standards



Mobile Charging

3 Light Points

Warranty Information

A 2-year warranty covering manufacturing defects.

Performance Details

Brightness Setting	Performance Measure			
	Full Battery Run Time* (hours)	Run Time per day of solar charging* (hours)	Total Light Output	Total Lighting Service (lumen hours/solar day)
2 fixed lamps and 1 portable lamp on high	--	3.6 (fixed) 4.5 (portable)	380 (fixed) 140 (portable)	2000
2 fixed lamps on High	7.2	--	380	--
2 fixed lamps on Normal	14	14	200	2800
Portable Lamp on High	4.5	--	140	--
Portable Lamp on Nightlight	19	--	24	--

* Run time estimates do not account for mobile phone charging or other auxiliary loads; the run time is defined as the time until the output is 70% of the initial, stabilized output.

Lighting Details

Lamp type	LED
Description of light points	2 fixed lamps, 1 portable lamp and an integrated torch, all of which have white LEDs
Colour characteristics	CRI 75 CCT "Daylight" (>5000 K)
Distribution type	Wide
Lumen maintenance	99% of the original output remains after 2,000 hours run time

Special Features

Mobile charging	Adapters included to charge mobile phone from battery
FM Radio Charging	USB port provided in main unit to charge a FM Radio (radio not included)

Durability

Overall durability and workmanship	Pass
Durability tests passed	Drop test, switch and connector cycling, strain relief test, physical ingress protection test. Water ingress protection not tested; meant for indoor use only. Portable lamp meets water ingress protection requirements with a warning label.

Solar Details

PV module type	Polycrystalline silicon
PV maximum power point	6.9 watts

Battery Details

Battery replaceability	Easily replaceable with common tools, but attempting replacement will void warranty.
Battery chemistry	Lithium iron phosphate(Main Unit); Lithium Ion (Portable Lamp)
Battery package type	Cylindrical cell(1x1865,4S1P)
Battery capacity	Main Unit: 1400 mAh; Portable Lamp: 2200 mAh
Battery nominal voltage	Main Unit 12.8 V; Portable Lamp 3.7 V
Appropriate battery protection circuit	Pass

Marks and Certifications

Factory certification	ISO 9001:2008; ISO 14001:2004
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Product Details

Manufacturer name	Schneider Electric
Product name	Homaya Solar Home System S01
Product model / ID number	AEH-LSHS01-6W3L
Contact information	Sathish.kumar@schneider-electric.com Ezhilmaran.ranga@schneider-electric.com
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SSS Information

Specs sheet expiration date	October 31, 2019
Quality Standards Framework Version	2017
Revision	2017.05