

Homaya Solar Home System S02

Schneider Electric

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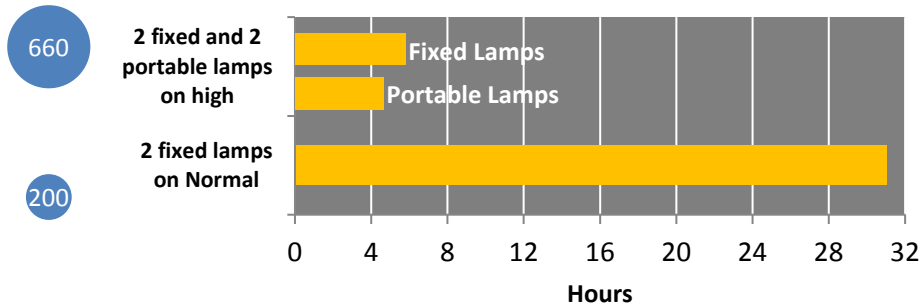
Results based on test procedures detailed in IEC 62257-9-5, ed. 3.0

www.lightingglobal.org/products/se-hyaS02

Valid Until: May 30, 2019

Lumens

Solar Run Time



Meets Lighting Global Quality Standards

Mobile Charging

4 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 2 portable lamps on high	--	5.7 (fixed) 4.6 (portable)	380 (fixed) 280 (portable)	3500
2 fixed lamps on High	22	15	380	5700
2 fixed lamps on Normal	46	31	200	6200
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, 2 portable lamps and an integrated torch, all of which have white LEDs
Colour characteristics	CRI 75 CCT "Cool" (5000-7000 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 an FM Radio (radio not included)
12 V DC Port	12 V DC port provided in the main unit to charge a DC TV or DC Fan (Fan and TV 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 lamps meet water ingress protection requirements with a warning label.

Solar Details	
PV module type	Polycrystalline silicon
PV maximum power point	13 watts

Battery Details	
Battery replaceability	Easily replaceable with common tools
Battery chemistry	Lithium iron phosphate(Main Unit); Lithium Ion (Portable Lamp)
Battery package type	Cylindrical cell(1x1865,4S1P)
Battery capacity	Main Unit: 4500 mAh; Portable Lamps: 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

Product Details	
Manufacturer name	Schneider Electric
Product name	Homaya Solar Home System S02
Product model / ID number	AEH-LSHS02-12W4L
Contact information	Sathish.kumar@schneider-electric.com Ezhilmaran.ranga@schneider-electric.com
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SSS Information	
Specs sheet expiration date	May 30, 2019
Quality Standards Framework Version	2017
Revision	2017.05