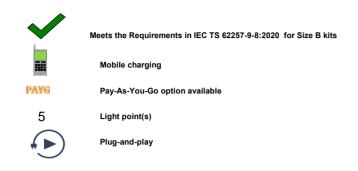
Results based on test procedures detailed in IEC TS 62257-9-5 and IEC TS 62257-9-8

Verify online: https://data.verasol.org/products/sek/se-hyaS02 Valid until: November 30, 2025





WARRANTY INFORMATION A 2-year warranty covering manufacturing defects in the system

PERFORMANCE DETAILS					
		Run time after a typical day of solar charging			
				(assuming 5kWh/m²/day)	
VeraSol Certified?	Included in Kit?	Appliance ^a	Description	Used alone ^b	Used in combination ^c
yes	included	Main lighting unit	3 light points on high and integrated light on, totaling 550 lumens and 4.6 W	8.9 hours	1.3 hours
yes	included	Headlamp	57 lumens portable lantern, Li-ion battery: 0.5 Ah, 3.7 V	64 hours	1.4 hours
no	n/a	Television	12 W power consumption while in use	3.3 hours	0.68 hours
no	n/a	Radio	portable radio (Li-ion battery: 1 Ah, 3.7 V) with rated power consumption of 0.5 W $$	54 hours	1.1 hours
no	n/a	Smart phone	Smart phone (5.7 Wh battery)	7.2 full charge(s)	0.35 full charge(s)
no	n/a	Fan	Fan (12 W power)	3.3 hours	1.7 hours

Available daily electrical energy^c (Wh/day) 38

Performance measure	Brightness setting: high		
Lighting full battery run time ^d for main unit (hours)	8.4		
Lighting full battery run time of the headlamp powered by headlamp battery (hours)	4.8		
Total lighting service (lumen-hours/solar-day) (includes the both main lighting unit and any lights with internal batteries included with the product)	4630		

^a Only included appliances were tested. Run times and power ratings for appliances sold separately come from manufacturer ratings or standard estimates.

^b Without any other loads used during the run time

^c Based on an example use profile with all of the appliances listed in the "Used in combination" column used simultaneously.

^d Lighting full battery 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 name	Number of lamps	Number of settings	Setting	Light output (Im)	Lumen efficacy ^e (Im/W)	CRI ^f	CCT ^g	Distribution type	Lumen maintenance ^h
Fixed lamp	3	3	High	180	130	75	5100	Wide	98%
Headlamp	1	4	High	57	160	73	5100	Wide	98%
Integrated lamp	1	1	On	≤ 15 lm	not tested	not tested	not tested	Omnidirectional	not tested

^e Lumen efficacy is the power consumption at a light point during the light output test.

^fColor Rendering Index. An index of 100 is equivalent to viewing objects in daylight; above 80 is considered good.

^g Correlated Color Temperature in degrees Kelvin. Describes color appearance as warm (2700-3000 K), cool (3000-5000 K), or daylight (>5000 K)

^h Percent of the original light output that remains after 2,000 hours of run time

SPECIAL FEATUR	RES						
Includes headlamp 🔶 🔶 Headlamp has an adjusta			able strap for multiple uses				
PORTS							
4	USB 2.0 type A		1 USB port provided on main unit and 3 USB ports on lamp extension cables for charging devices.				
4	Barrel jack		4 12 V DC ports provided on the main unit to power lights, DC TV or DC fan (fan and TV not included).				
2	Other		Additional PV input port and external battery port provided on main unit for possible expansion.				
DURABILITY							
Overall durability a	nd workmanship		Pass				
Durability tests pas	ssed		Switch test, Drop test, Strain relief test, Physical ingress protection, PV durability tests				
			Water ingress protection not tested, meant for indoor use only.				
Level of water protection		PV module	Has protection from permanent outdoor exposure				
		Headlamp	Has protection from frequent rain; met IPX4				
SOLAR DETAILS							
PV module type			Polycrystalline silicon				
PV maximum powe	er		13 watts				
MAIN UNIT BATTE	ERY DETAILS						
Battery replaceabil	ity		Easily replaceable with common tools; however, the warranty is void if product is opened.				
Battery chemistry			Lithium iron phosphate				
Battery package ty	pe		4x26650				
Battery capacity			3.2 Ah				
Battery nominal vo	ltage		12.8 V				
Battery status/ othe	er indicator lights		One low or no balance indicator, one charging/battery status indicator and one 7 segment display for showing different status.				
PRODUCT DETAI	LS						
Company name			Schneider Electric Industries SAS				
Brand name			Schneider Electric				
Product name			Homaya PAYG Solar Home System S02				
Product model / ID number			AEH-LSHSP2-S2000				
Contact information			Sathish Kumar, Adarsh TV, sathish.kumar@se.com, Adarsh.TV@se.com				
Website			www.se.com				
Dimensions (entire product in package)			39.5 x 30 x 13 cm				
Mass			4120 g				
SSS INFORMATION							
Specs sheet expiration date			November 30, 2025				
Revision			2024.06				