

Sun King Home 200X EasyBuy

SK-434
Brand name: Sun King

Verify online:
<https://data.verasol.org/products/sek/glp-home200x>
Valid until: February 28, 2026

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



Meets the Requirements in IEC TS 62257-9-8:2020 for Size B kits



Mobile charging

PAYG

Pay-As-You-Go option available

3

Light point(s)



Plug-and-play



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/m ² /day)	
VeraSol Certified?	Included in Kit?	Appliance ^a	Description	Used alone ^b	Used in combination ^c
yes	included	Main lighting unit	3 tubelights on (Turbo) totaling 570 lumens and 4 W	6.2 hours	5.2 hours
no	not included	Mobile phone	Basic phone (3.7 Wh battery)	7.1 full charge(s)	1.7 full charge(s)

Available daily electrical energy ^c (Wh/day)	25
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Performance measure	Brightness setting: Turbo
Lighting full battery run time ^d for main unit (hours)	6.2
Total lighting service (lumen-hours/solar-day) (includes the both main lighting unit and any lights with internal batteries included with the product)	3530

^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 (lm)	Power consumption (W)	Lumen efficacy ^e (lm/W)	CRI ^f	CCT ^g	Distribution type	Lumen maintenance ^h
Tubelight (SK-705)	3	3	Turbo	190	1.2	160	81	6000	Wide	100%
			Medium	120	0.7	160	82	6000	Wide	

^e Lumen efficacy is the power consumption at a light point during the light output test.
^f Color 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 FEATURES			
PAYG			Pay-As-You-Go enabled
PORTS			
1	USB 2.0 type A		Mobile phones can be charged.
4	Barrel jack		Four 12 V barrel ports available. When expansion pack is not attached, three light points can be powered. When an expansion pack is attached, two light points and a TV can be powered.
DURABILITY			
Overall durability and workmanship		Pass	
Durability tests passed		Switch test, Strain relief test, Physical ingress protection, PV durability tests	
Level of water protection	Main Unit	Water ingress protection not tested, meant for indoor use only.	
	PV module	Has protection from permanent outdoor exposure	
	Tubelight	Water ingress protection not tested, meant for indoor use only.	
SOLAR DETAILS			
PV module type		Polycrystalline silicon	
PV maximum power		11 watts	
PV rated power		11 watts	
PV nominal voltage		20.1 volts	
MAIN UNIT BATTERY DETAILS			
Battery replaceability		Easily replaceable with common tools; however, the warranty is void if product is opened.	
Battery chemistry		Lithium-ion	
Specific Li-ion battery chemistry		lithium nickel manganese cobalt oxide	
Battery package type		18650	
Battery capacity		2.55 Ah	
Battery nominal voltage		11.1 V	
Battery status/ other indicator lights		Five indicators on the main unit are for battery state of charge, denoted by either green or red bars.	
PRODUCT DETAILS			
Company name		Greenlight Planet Inc.	
Brand Name		Sun King	
Product name		Sun King Home 200X EasyBuy	
Product model / ID number		SK-434	
Contact information		sales@sunking.com	
Website		www.sunking.com	
Dimensions (entire product in package)		16 x 13.5 x 6 cm	
Mass		3030 g	
SSS INFORMATION			
Specs sheet expiration date		February 28, 2026	
Revision		2025.12	