Sun King Home 400 easybuy

SK503/SK505
Greenlight Planet

✓   **Meets the Lighting Global Solar Home System Kit Quality Standards**

📱   **Mobile charging**

PAYG   **Pay-As-You-Go option available**

5   **Light point(s)**

▶   **Plug-and-play**

WARRANTY INFORMATION

A 2-year warranty covering manufacturing defects in the system and the battery.

PERFORMANCE DETAILS

VeraSol Certified?	Included in Kit?	Appliance[a]	Description	Run time after a typical day of solar charging (assuming 5kWh/m²/day)	
				Used alone[b]	Used in combination[c]
yes	included	Main lighting unit	5 light points on (High) totaling 1200 lumens	10 hours	6.8 hours
		Television	19" diagonal	11 hours	3.4 hours
no	not included	Mobile Phone	Basic Phone (3.7 Wh battery)	18 full charge(s)	1.7 full charge(s)

Available daily electrical energy[c] (Wh/day)	88

Performance measure	Brightness setting: High
Lighting full battery run time[d] for main unit (hours)	10
Total lighting service (lumen-hours/solar-day) (includes the both main lighting unit and any lights with internal batteries included with the product)	8400

[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)	Lumen efficacy[e] (lm/W)	CRI[f]	CCT[g]	Distribution type	Lumen maintenance[h]
200 lm Lamp	2	3	High	200	130	70	4900	Wide	94%
Tubelight	2	3	High	370	160	72	6215	Wide	100%
Motion Sensor Lamp	1	1	On	95	130	71	4931	Wide	100%

[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 vieiwing 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 Payment Systems	⭐	**SK503 has keypad PAYG system** **SK505 has GSM PAYG system**	

PORTS			
2	USB 2.0 type A		Mobile phones and radios can be charged. Adapters are included.
4	Barrel jack		Four 12 V ports available to charge devices and power appliances and light points.

DURABILITY		
Overall durability and workmanship		Pass
Durability tests passed		Switch test, Strain relief test, Physical ingress protection
Level of water protection	Main Unit	Water ingress protection not tested, meant for indoor use only.
	PV module	Has protection from permanent outdoor exposure
	Television	Water ingress protection not tested, meant for indoor use only.

SOLAR DETAILS	
PV module type	Polycrystalline silicon
PV maximum power	38 watts

MAIN UNIT BATTERY DETAILS	
Battery replaceability	Easily replaceable with common tools.
Battery chemistry	Lithium-ion
Battery package type	3s5p 18650
Battery capacity	12.5 Ah
Battery nominal voltage	11.1 V
Battery status indication	5 LEDs indicate the status of the battery and 5 LEDs indicate the charging rate.

MARKS AND CERTIFICATIONS	
Factory certification	ISO 9001; ISO 14001:2004

PRODUCT DETAILS	
Manufacturer name	Greenlight Planet
Product name	Sun King Home 400 easybuy
Product model / ID number	SK503/SK505
Contact information	sales@greenlightplanet.com
Website	www.greenlightplanet.com
Dimensions (entire product in package)	Multiple packages. Contact manufacturer for more information.
Mass	8230 g

SSS INFORMATION	
Specs sheet expiration date	June 30, 2022
Quality standards framework version	2018
Revision	2021.05