Pro EasyBuy

SK-312

Brand name: Sun King

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/glp-skproeasy
Valid until: March 31, 2027

✔ **Meets the Requirements in IEC TS 62257-9-8:2020 for Size A kits**

📱 **Mobile charging**

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

1 **Light point(s)**

▶ **Plug-and-play**

WARRANTY INFORMATION

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

PERFORMANCE DETAILS

VeraSol Certified?	Included in Kit?	Appliance[a]	Description	Run time after a typical day of solar charging (assuming 5kWh/m^2/day)	
				Used alone[b]	Used in combination[c]
yes	included	Main lighting unit	1 light point on Turbo totaling 160 lumens and 1.2 W power	6.1 hours	3.3 hours
no	not included	Mobile phone	Basic phone (3.7 Wh battery)	1.5 full charge(s)	0.83 full charge(s)

Available daily electrical energy[c] (Wh/day)	7.3

Performance measure	Brightness setting: One light on "turbo"
Lighting full battery run time[d] for main unit (hours)	6.1
Total lighting service (lumen-hours / solar-day) (includes the both main lighting unit and any lights with internal batteries included with the product)	980

[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 name	Light output (lm)	Power consumption (W)	Lumen efficacy[e] (lm/W)	CRI[f]	CCT[g]	Distribution type	Lumen maintenance[h]
Integrated light point	1	3	turbo	160	1.2	130	73	5000	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 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		
Stand	⭐	**Adjustable steel stand included.**

PORTS			
1	**USB 2.0 type A**		Mobile phones can be charged. Adapters are included.

DURABILITY	
Overall durability and workmanship	Pass
Durability tests passed	Switch test, Drop test, Strain relief test, Physical ingress protection, PV durability tests
Level of water protection	Main Unit: Has protection from frequent rain; met IPX3
	PV module: Has protection from permanent outdoor exposure

SOLAR DETAILS	
PV module type	Polycrystalline silicon
PV maximum power	2.7 W
PV rated power	2.7 W
PV open-circuit voltage (V_{OC})	5.8 V

MAIN UNIT BATTERY DETAILS	
Battery replaceability	Easily replaceable with common tools; however, the warranty is void if product is opened.
Battery chemistry	Lithium iron phosphate
Battery package type	26650
Battery capacity	3.2 Ah
Rated Battery capacity	3 Ah
Battery nominal voltage	3.3 V
Battery status / other indicator lights	5 indicators show battery capacity and 5 indicators show solar charging rate.

PRODUCT DETAILS	
Company name	Greenlight Planet Inc.
Brand Name	Sun King
Product name	Pro EasyBuy
Product model / ID number	SK-312
Contact information	sales@sunking.com
Website	www.sunking.com
Dimensions (entire product in package)	20.5 x 14.1 x 8.6 cm
Mass	780 g

SSS INFORMATION	
Specs sheet expiration date	March 31, 2027
Revision	2025.07