Sun King Boom/ EasyBuy SK-321/ SK-322 Greenlight Planet

Results based on test procedures detailed in IEC 62257-9-5 v.4

Verify online: https://data.verasol.org/products/sek/glp-skboom Valid until. April 30, 2022



Meets the Lighting Global Pico-PV Quality Standards
Mobile charging
Pay-As-You-Go option available (SK-322)
Light point(s)
Plug-and-play



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

PERFORMANCE DETAILS

				Run time after a typi chargir	-
			(assuming 5kW	/h/m ² /day)	
		Appliance ^a	Description	Used alone ^b	Used in combination ^c
	included in kit	Integrated Lamp	One light point totalling 170 lumens on Turbo and 1.2 W	6.6 hours	2.9 hours
		Integrated Radio	integrated radio that consumes 0.42 W while in-use.	21 hours	2.2 hours
	sold separatel y	Mobile phone	Basic phone (3.7 Wh battery)	1.5 full charge(s)	0.75 full charge(s)

Available daily electrical energy^c (Wh/day) 8

Performance measure	Brightness setting: Turbo
Lighting full battery run time ^d for main unit (hours)	6.6
Total lighting service (lumen-hours/solar-day) (includes the both main lighting unit and any auxiliary lights included with the product)	1090

^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.

Lamp name	Number of lamps	Number of settings	Setting	Light output (Im)	Lumen efficacy ^e (Im/W)	CRI ^f	CCT ⁹	Distribution type	Lumen maintenance ^h
Integrated lamp	1	3	Turbo	170	130	72	5000	Wide	100%
integrated lamp			Low	27	130	72	4900	Wide	

¹Color 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	\star	SK-322 has Pay-As-You-Go (PAYG) feature
Enclosure	\star	Made from ABS and polycarbonate plastic

1 USB 2.0 type A Mobile phones can be charged. Adapters are included. DURAILITY Verail durability and workmanship Pass Durability tests passed Switch test, Drop test, Strain relief test, physical ingress protection. Durability tests passed Main Unit has protection from occasional rain; met with appropriate warning label Durability tests passed Main Unit has protection from permanent outdoor exposure. SOLAR DETAILS PV module type Polycrystalline silicon PV module type Polycrystalline silicon Externational common tools. Battery replaceability Vinde easily replaceable with common tools. Battery replaceability Not easily replaceable with common tools. Battery replaceability Uithium iron phosphate Battery replaceability S3 Ah Battery replaceability 3.3 V Battery state of charge. Sun King Boom/ EasyBuy Product name Sun King Boom/ EasyBuy Product name Sun King Boom/ EasyBuy Product name Sale Greenlightplanet.com Product name Sale Greenlightplanet.com Product name Sale Greenlightplanet.com Sales greenlightplanet.com Sal	PORTS					
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Revision 2019.08	Quality standards framework version		2019			
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