

Pro 200

SK-332

Brand name: Sun King

Results based on test procedures detailed in IEC TS 62257-9-5:2018 and IEC TS 62257-9-8:2020

Verify online:

<https://data.verasol.org/products/sek/glp-skp200>

Valid until: November 30, 2027



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

Mobile charging

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	1 light points on turbo totaling 190 lumens and 1.4 W power	5.7 hours	2.9 hours
no	not included	Mobile phone	Basic phone (3.7 Wh battery)	1 full charge(s)	0.7 full charge(s)

Available daily electrical energy [Wh/day]	15
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Performance measure	Brightness setting: One light on "turbo"
Lighting full battery run time 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)	1080

^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	Lumen maintenance ^h
Main unit integrated light	1	3	Turbo	190	1.4	160	71	4900	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 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.

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 occasional rain; met with appropriate warning label
	PV module	Permanent rooftop installation for PV modules
SOLAR DETAILS		
PV Module Type		Polycrystalline silicon
PV Maximum Power		2.3 W
PV Rated Power		2.35 W
PV Rated Open-Circuit Voltage (V _{OC})		6.2 V
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 (tested)		2.5 Ah
Battery Capacity (rated)		2.55 Ah
Battery Nominal Voltage		3.7 V
Battery status / other indicator lights		Four LED indicators on the main unit show the battery status
PRODUCT DETAILS		
Company Name (full)		Greenlight Planet Inc.
Company Name ("brand")		Sun King
Product Name		Pro 200
Product Model or ID Number		SK-332
Company Contact Information		sales@sunking.com
Company Website		www.sunking.com
Mass		580 g
SSS INFORMATION		
Expiration Date		November 30, 2027
Revision		2025.11