

# Pro 200

SK-332

Brand name: Sun King

Verify online:

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

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

Valid until: May 31, 2026



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



Mobile charging

1

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<br>(assuming 5kWh/m <sup>2</sup> /day) |                                  |
|--------------------|------------------|------------------------|--|---|----------------------------------|
| VeraSol Certified? | Included in Kit? | Appliance <sup>a</sup> | Description  | Used alone <sup>b</sup>   | Used in combination <sup>c</sup> |
| yes                | included         | Main lighting unit     | 1 light point 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<sup>c</sup> (Wh/day)

15

| Performance measure   | Brightness setting: Turbo |
|---|---------------------------|
| Lighting full battery run time <sup>d</sup> for main unit (hours)   | 6.2                       |
| Total lighting service (lumen-hours/solar-day)<br>(includes the both main lighting unit and any lights with internal batteries included with the product) | 1080                      |

<sup>a</sup> Only included appliances were tested. Run times and power ratings for appliances sold separately come from manufacturer ratings or standard estimates.

<sup>b</sup> Without any other loads used during the run time

<sup>c</sup> Based on an example use profile with all of the appliances listed in the "Used in combination" column used simultaneously.

<sup>d</sup> 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 <sup>e</sup> (lm/W) | CRI <sup>f</sup> | CCT <sup>g</sup> | Distribution type | Lumen maintenance <sup>h</sup> |
|-----------|-----------------|--------------------|---------|-------------------|-----------------------|------------------------------------|------------------|------------------|-------------------|--------------------------------|
| Lantern   | 1               | 3                  | Turbo   | 190               | 1.4                   | 160                                | 71               | 4900             | Wide              | 100%                           |

<sup>e</sup> Lumen efficacy is the power consumption at a light point during the light output test.

<sup>f</sup> Color Rendering Index. An index of 100 is equivalent to viewing objects in daylight; above 80 is considered good.

<sup>g</sup> Correlated Color Temperature in degrees Kelvin. Describes color appearance as warm (2700-3000 K), cool (3000-5000 K), or daylight (>5000 K)

<sup>h</sup> Percent of the original light output that remains after 2,000 hours of run time

| SPECIAL FEATURES                       |                |   |
|--|----------------|---|
| Enclosure                              | ★              | Made from ABS plastic   |
| PORTS                                  |                |   |
| 1                                      | USB 2.0 type A |  Mobile phones can be charged. |
| 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      | Has protection from permanent outdoor exposure  |
| SOLAR DETAILS                          |                |   |
| PV module type                         |                | Polycrystalline silicon   |
| PV maximum power                       |                | 2.3 watts   |
| PV rated power                         |                | 2.35 watts  |
| PV nominal voltage                     |                | 4.9 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                       |                | 2.5 Ah  |
| Battery nominal voltage                |                | 3.7 V   |
| Battery status/ other indicator lights |                | Four indicators show the battery capacity and solar charging rate   |
| PRODUCT DETAILS                        |                |   |
| Company name                           |                | Greenlight Planet   |
| Brand Name                             |                | Sun King  |
| Product name                           |                | Pro 200   |
| Product model / ID number              |                | SK-332  |
| Contact information                    |                | sales@sunking.com   |
| Website                                |                | www.sunking.com   |
| Dimensions (entire product in package) |                | Multiple packages. Contact manufacturer for more information.   |
| Mass                                   |                | n/a   |
| SSS INFORMATION                        |                |   |
| Specs sheet expiration date            |                | May 31, 2026  |
| Revision                               |                | 2024.07   |