Sun King Pro 300
Greenlight Planet
Results based on test procedures detailed in
IEC 62257-9-5 v.4
Valid until: May 31, 2022

Verify online: www.lightingglobal.org/products/glp-skp300

Meets the Lighting Global Pico-PV Quality Standards

Mobile charging
Light point(s)
Plug-and-play

WARRANTY INFORMATION
A 2-year warranty covering manufacturing defects in the system

PERFORMANCE DETAILS

<table>
<thead>
<tr>
<th>Appliance</th>
<th>Description</th>
<th>Used alone</th>
<th>Used in combination</th>
</tr>
</thead>
<tbody>
<tr>
<td>included in kit</td>
<td>Main lighting unit</td>
<td>8 hours</td>
<td>4.8 hours</td>
</tr>
<tr>
<td>sold separately</td>
<td>Mobile phone</td>
<td>3 full charge(s)</td>
<td>1.2 full charge(s)</td>
</tr>
<tr>
<td></td>
<td>1 light point on Turbo totaling 310 lumens and 2.0 W power</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Available daily electrical energy: 15 Wh/day

Performance measure

<table>
<thead>
<tr>
<th>Lighting full battery run time for main unit (hours)</th>
<th>8.2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total lighting service (lumen-hours/solar-day)</td>
<td>2500</td>
</tr>
<tr>
<td>(includes the both main lighting unit and any auxiliary lights included with the product)</td>
<td></td>
</tr>
</tbody>
</table>

*Only included appliances were tested. Run times and power ratings for appliances sold separately come from manufacturer ratings or standard estimates.

*Without any other loads used during the run time

*Based on an example use profile with all of the appliances listed in the "Used in combination" column used simultaneously.

*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

<table>
<thead>
<tr>
<th>Lamp name</th>
<th>Number of lamps</th>
<th>Number of settings</th>
<th>Setting</th>
<th>Light output (lm)</th>
<th>Lumen efficacy (lm/W)</th>
<th>CRI</th>
<th>CCT</th>
<th>Distribution type</th>
<th>Lumen maintenance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lantern</td>
<td>1</td>
<td>3</td>
<td>Turbo</td>
<td>310</td>
<td>140</td>
<td>72</td>
<td>5100</td>
<td>Wide</td>
<td>100%</td>
</tr>
</tbody>
</table>

*Lumen efficacy is the power consumption at a light point during the light output test.

*Color Rendering Index. An index of 100 is equivalent to viewing objects in daylight; above 80 is considered good.

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

*Percent of the original light output that remains after 2,000 hours of run time
## DURABILITY

<table>
<thead>
<tr>
<th>Overall durability and workmanship</th>
<th>Pass</th>
</tr>
</thead>
<tbody>
<tr>
<td>Durability tests passed</td>
<td>Switch test, Drop test, Strain relief test, physical ingress protection.</td>
</tr>
<tr>
<td>Level of water protection</td>
<td>Main Lighting Unit: Has protection from frequent rain; met with IPX1 and technical protection. PV module: Has protection from permanent outdoor exposure.</td>
</tr>
</tbody>
</table>

## PORTS

- USB 2.0 type A
- Mobile phones and radios can be charged. Adapters are included.

## BATTERY DETAILS

- Battery replaceability: Easily replaceable with common tools; however, the warranty is void if product is opened.
- Battery chemistry: Lithium-ion
- Battery package type: 18650
- Battery capacity: 5 Ah
- Battery nominal voltage: 3.7 V
- Battery status indication: Four indicators show the battery capacity and solar charging rate

## SOLAR DETAILS

- PV module type: Polycrystalline silicon
- PV maximum power: 5 watts
- PV module type: Has protection from permanent outdoor exposure
- PV maximum power: Has protection from frequent rain; met with IPX1 and technical protection

## BATTERY DETAILS

- Battery replaceability: Easily replaceable with common tools; however, the warranty is void if product is opened.
- Battery chemistry: Lithium-ion
- Battery package type: 18650
- Battery capacity: 5 Ah
- Battery nominal voltage: 3.7 V
- Battery status indication: Four indicators show the battery capacity and solar charging rate

## MARKS AND CERTIFICATIONS


## PRODUCT DETAILS

- Manufacturer name: Greenlight Planet
- Product name: Sun King Pro 300
- Product model / ID number: SK333
- Contact information: sales@greenlightplanet.com
- Website: www.greenlightplanet.com
- Dimensions (entire product in package): 25 x 18.3 x 8.5 cm
- Mass: 1003 g

## SSS INFORMATION

- Specs sheet expiration date: May 31, 2022
- Quality standards framework version: 2020
- Revision: 2020.07