Sun King Pro Easybuy

Greenlight Planet

Results based on test procedures detailed in
IEC 62257-9-5, ed. 3.0

Lumens

Solar Run Time

160 Turbo

25 Low

| 0 | 10 | 20 | 30 | 40 |
Hours
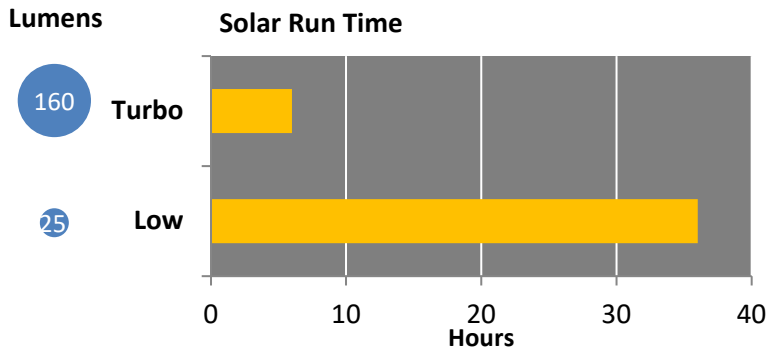
✓ **Meets Lighting Global Quality Standards**

Mobile Charging

1 **Light Point**

PAYG **Pay-As-You-Go Enabled (SK312)**

Warranty Information

A 2-year warranty covering manufacturing defects

Performance Details

Performance Measure	Brightness Setting***	
	Turbo	**Low**
Full battery run time* (hours)	6	40
Run time per day of solar charging* (hours)	6	36
Total light output (lumens)	160	25
Total lighting service (lumen-hours / solar-day)	960	900

* 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.
** Additional brightness settings (not tested): Normal

Lighting Details

Lamp type	LED
Description of light points	4 LEDs with a frosted plastic cover
Colour characteristics	CRI 73 CCT "Cool" (3000-5000 K)
Distribution type	Wide
Lumen maintenance	101% of the original output remains after 2,000 hours run time

Special Features	
Mobile charging	Adapters included to charge mobile phone from battery
PAYG	Model SK312: Pay-as-you-go enabled. Model SK311: Fully paid prior to sale.
Stand	Adjustable steel stand included

Durability	
Overall durability and workmanship	Pass
Durability tests passed	Drop test, switch and connector cycling, strain relief test, physical ingress protection test, and protection from occasional rain; met by IPX1.

Solar Details	
PV module type	Polycrystalline silicon
PV maximum power point	2.7 watts

Battery Details	
Battery replaceability	Easily replaceable with common tools, but attempting replacement will void warranty.
Battery chemistry	Lithium iron phosphate
Battery package type	Cylindrical 26650
Battery capacity	3200 mAh
Battery nominal voltage	3.3 V
Appropriate battery protection circuit	Pass

Marks and Certifications	
Factory certification	ISO 9001:2015; ISO 14001:2015

Product Details	
Manufacturer name	Greenlight Planet
Product name	Sun King Pro Easybuy
Product model / ID number	SK311 (non-PAYG), SK312 (PAYG)
Contact information	sales@greenlightplanet.com
Website	http://www.greenlightplanet.com

SSS Information	
Specs sheet expiration date	August 31, 2021
Quality Standards Framework Version	2018
Revision	2018.11