

Sun King Home 60

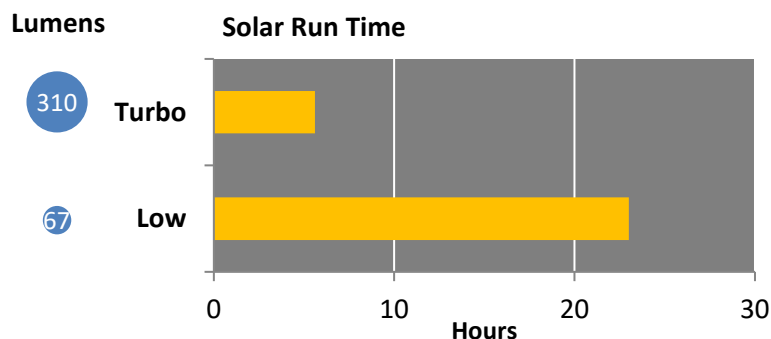
Greenlight Planet

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

Verify Online:

www.lightingglobal.org/products/glp-skhome

Valid Until: November 30, 2019



Meets Lighting Global Quality Standards

Mobile Charging

3 Light Points

Warranty Information

A 2-year warranty covering manufacturing defects

Performance Details

Performance Measure	Brightness Setting**	
	Turbo	Low
Full battery run time* (hours)	5.6	27
Run time per day of solar charging* (hours)	5.6	23
Total light output (lumens)	310	67
Total lighting service (lumen-hours / solar-day)	1700	1500

* 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	2 LEDs in light point with a frosted plastic cover
Colour characteristics	CRI 65 CCT "Cool" (3000-5000 K)
Distribution type	Wide
Lumen maintenance	99% of the original output remains after 2,000 hours run time

Special Features

Mobile charging	Adapters included to charge mobile phone from battery
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Durability

Overall durability and workmanship	Pass
Durability tests passed	Switch and connector cycling, strain relief test, physical ingress protection test, and protection from occasional rain. Met IPX1.

Solar Details

PV module type	Polycrystalline silicon
PV maximum power point	6.3 watts

Battery Details

Battery replaceability	Easily replaceable with common tools. Warranty is void if product is opened.
Battery chemistry	Lithium iron phosphate
Battery package type	4 x 18650
Battery capacity	5900 mAh
Battery nominal voltage	3.3 V
Appropriate battery protection circuit	Pass

Marks and Certifications

Factory certification	ISO 9001, ISO 14001
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Product Details

Manufacturer name	Greenlight Planet
Product name	Sun King Home 60
Product model / ID number	SK-403
Contact information	sales@greenlightplanet.com
Website	www.greenlightplanet.com

SSS Information

Specs sheet expiration date	November 30, 2019
Quality Standards Framework Version	2017
Revision	2017.12