

# Sun King Home 120 Easybuy

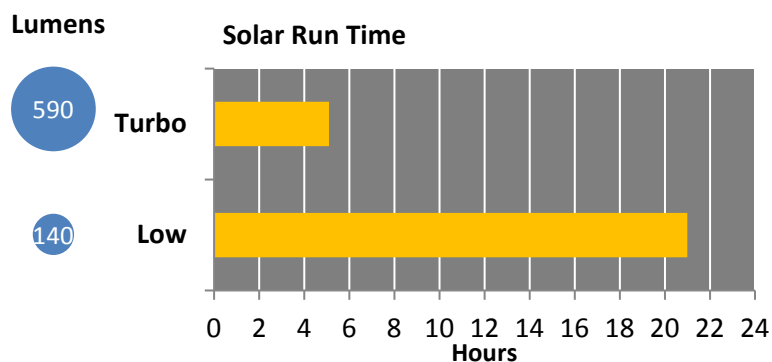
Greenlight Planet

Verify Online:

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

[www.lightingglobal.org/products/glp-skhome120](http://www.lightingglobal.org/products/glp-skhome120)

Valid Until: May 31, 2020



Meets Lighting Global Quality Standards

Mobile Charging

**3** Light Points

**PAYG** Pay-As-You-Go Enabled

## Warranty Information

A 2-year warranty covering manufacturing defects.

## Performance Details

Performance Measure	Brightness Setting**	
	Turbo	Low
Full battery run time* (hours)	5.1	26
Run time per day of solar charging* (hours)	5.1	21
Total light output (lumens)	590	140
Total lighting service (lumen-hours / solar-day)	3000	2900

\* 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 per light point are arranged on a PCB with a frosted lamp cover
Colour characteristics	CRI 70 CCT "Cool" (3000-5000 K)
Distribution type	Wide
Lumen maintenance	94% of the original output remains after 2,000 hours run time

**Special Features**

Mobile charging	Adapters included to charge mobile phone from battery
PAYG	Pay-as-you-go enabled

**Durability**

Overall durability and workmanship	Pass
Durability tests passed	Drop test, switch and connector cycling, strain relief test, physical ingress protection test. Water ingress protection not tested; meant for indoor use only.

**Solar Details**

PV module type	Polycrystalline silicon
PV maximum power point	12 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	4x18650
Battery capacity	12000 mAh (2 x 6000 mAh packs in parallel)
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 120 Easybuy
Product model / ID number	SK-409
Contact information	sales@greenlightplanet.com
Website	www.greenlightplanet.com

**SSS Information**

Specs sheet expiration date	May 31, 2020
Quality Standards Framework Version	2018
Revision	2018.05