

Sun King Charge

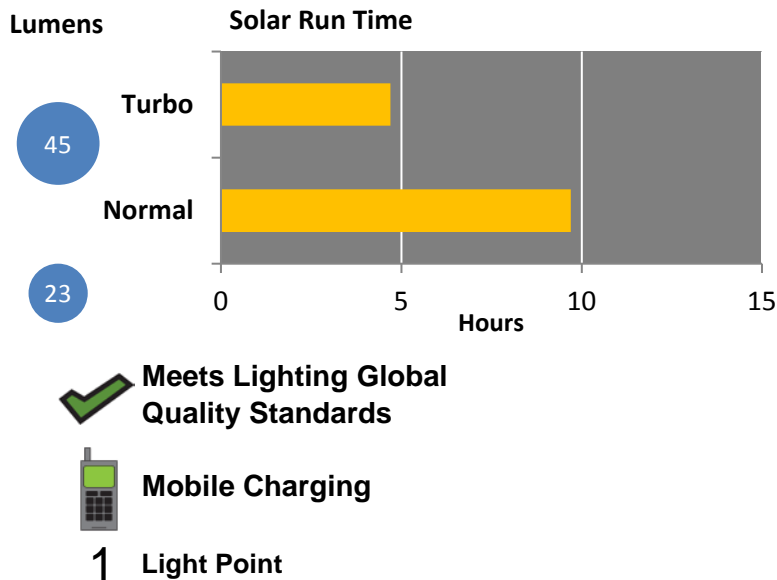
Greenlight Planet

Results based on test procedures detailed in IEC 62257-9-5, ed. 2.0

Verify Online:

www.lightingglobal.org/products/glp-sunkingcharge

Valid Until: August 30, 2018



Warranty Information

A 2-year warranty covering manufacturing defects.

Performance Details

Performance Measure	Brightness Setting***	
	Turbo	Normal
Full battery run time* (hours)	4.7	9.7
Run time per day of solar charging* (hours)	4.7	9.7
Total light output (lumens)	45	23
Total area with illumination > 50 lux** (m ²)	0.32	--
Total lighting service (lumen-hours / solar-day)	210	220

* 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.

** Total area with illumination > 50 lux is determined by the maximum area with adequate illumination at a 0.75 m distance and at the distance from which the product would normally provide task lighting service.

*** Additional brightness settings (not tested): Low

Lighting Details

Lamp type	LED
Description of light points	Two LEDs with a white lens cover
Colour characteristics	CRI 73 CCT "Near Daylight" (3000-5000 K)
Distribution type	Wide
Lumen maintenance	98% of the original output remains after 2,000 hours run time

Special Features

Mobile charging	Adapters included to charge mobile phone from the solar panel
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Durability

Overall durability and workmanship	Pass
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Durability tests passed	Drop test, switch and connector cycling, strain relief test, physical ingress protection test. protection from occasional rain
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Solar Details

PV module type	Polycrystalline silicon
PV maximum power point	2.5 watts

Battery Details

Battery replaceability	Easily replaceable with common tools
Battery chemistry	Lithium iron phosphate
Battery package type	14500
Battery capacity	610 mAh
Battery nominal voltage	3.3 V
Appropriate battery protection circuit	Pass

Marks and Certifications

Factory certification	ISO 9001:2000, ISO14001:2004
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Product Details

Manufacturer name	Greenlight Planet
Product name	Sun King Charge
Product model / ID number	SK123
Contact information	radhika@greenlightplanet.com
Website	www.greenlightplanet.com

SSS Information

Specs sheet expiration date	August 30, 2018
Quality Standards Framework Version	2016
Revision	2016.08