

Sun King Charge / Sun King Pico 50

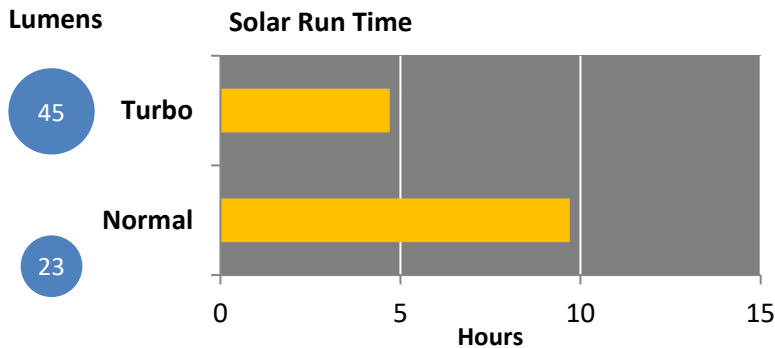
Greenlight Planet

Verify Online:

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

www.lightingglobal.org/products/glp-sunkingcharge

Valid Until: October 31, 2021



Meets Lighting Global Quality Standards



Mobile Charging (Sun King Charge only)

1

Light Point

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 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.

** 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 "Cool" (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 (Sun King Charge only)
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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. Met IP21.
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Solar Details (apply to Sun King Charge only)

PV module type	Polycrystalline silicon
PV maximum power point	2.5 watts

Note: The Sun King Pico 50 is the same product as the Sun King Charge, but sold without the solar panel

Battery Details

Battery replaceability	Easily replaceable with common tools. Warranty is void if product is opened.
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 / Sun King Pico 50
Product model / ID number	SK123 / SK125
Contact information	sales@greenlightplanet.com
Website	www.greenlightplanet.com

SSS Information

Specs sheet expiration date	October 31, 2021
Quality Standards Framework Version	2018
Revision	2018.12