

Solar Home Power Station with 2 Light Bulbs

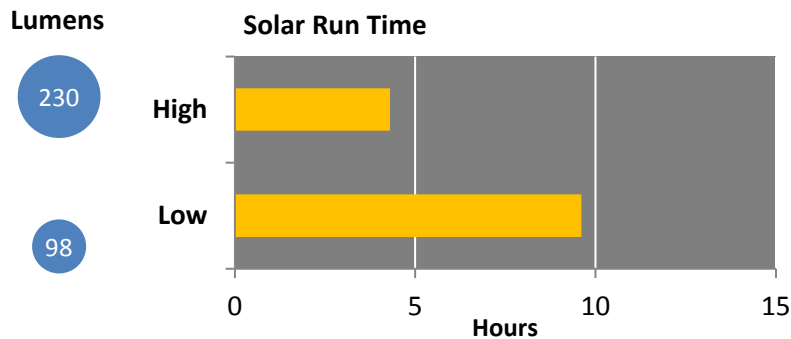
Renewit Solar Limited

Verify Online:

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

www.lightingglobal.org/products/ri-hhh

Valid Until: February 28, 2019



Meets Lighting Global Quality Standards

Mobile Charging

2 Light Points

Warranty Information

A 2-year warranty covering manufacturing defects.

Performance Details

Performance Measure	Brightness Setting	
	High	Low
Full battery run time* (hours)	7.3	17
Run time per day of solar charging* (hours)	4.3	9.6
Total light output (lumens)	230	98
Total lighting service (lumen-hours / solar-day)	990	940

* 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.

Lighting Details

Lamp type	LED
Description of light points	Six LEDs in each of 2 light bulbs with a transparent cover
Colour characteristics	CRI 83 CCT "Cool" (5000-7000 K)
Distribution type	Wide
Lumen maintenance	100% 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. Water ingress protection not tested; meant for indoor use only.

Solar Details

PV module type	Polycrystalline silicon
PV maximum power point	3.1 watts

Battery Details

Battery replaceability	Easily replaceable with common tools
Battery chemistry	Lithium-ion
Battery package type	2 x 18650
Battery capacity	4200 mAh
Battery nominal voltage	3.7 V
Appropriate battery protection circuit	Pass

Marks and Certifications

Other Certification	IEC 60950-1:2005
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Product Details

Manufacturer name	Renewit Solar Limited
Product name	Solar Home Power Station with 2 Light Bulbs
Product model / ID number	RNTS060
Contact information	richard@renewit.com
Website	www.renewit.com

SSS Information

Specs sheet expiration date	February 28, 2019
Quality Standards Framework Version	2017
Revision	2017.02