

Solar Home System

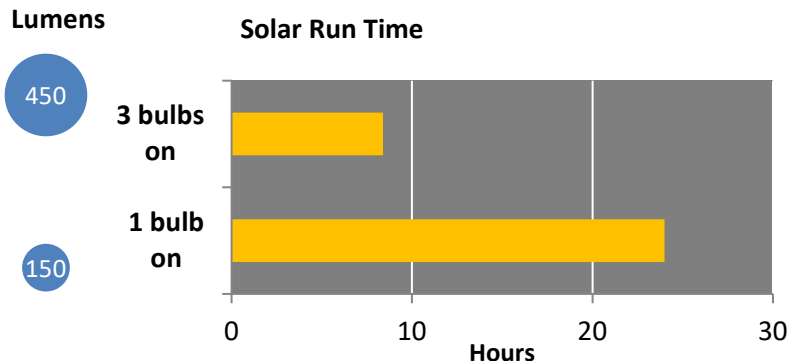
Poly Solar Technologies (Beijing) Co. Ltd.

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

Verify Online:

www.lightingglobal.org/products/ps-PL10HRC

Valid Until: January 30, 2021



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**	
	3 bulbs on	1 bulb on
Full battery run time* (hours)	19	57
Run time per day of solar charging* (hours)	8	24
Total light output (lumens)	450	150
Total lighting service (lumen-hours / solar-day)	3800	3600

* 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.

**Brightness Settings not tested: 2 bulbs on

Lighting Details

Lamp type	LED
Description of light points	16 LEDs in each of four lamps with a frosted cover.
Colour characteristics	CRI 83 CCT "Daylight" (>5000 K)
Distribution type	Wide
Lumen maintenance	100% of the original output remains after 2,000 hours run time

Special Features

Mobile charging	USB outlet, no charging adaptors included
Radio	Built in FM Radio

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	10 watts

Battery Details

Battery replaceability	Easily replaceable with common tools. Warranty is void if product is opened.
Battery chemistry	Lithium-ion
Battery package type	9 *18650
Battery capacity	6500 mAh
Battery nominal voltage	11.1 V
Appropriate battery protection circuit	Pass

Product Details

Manufacturer name	Poly Solar Technologies (Beijing) Co. Ltd.
Product name	Solar Home System
Product model / ID number	PL-10-H(R)-C
Contact information	info@polysolar.cn
Website	www.polysolar.com.cn

SSS Information

Specs sheet expiration date	January 30, 2021
Quality Standards Framework Version	2019
Revision	2019.01