

# 10 W Solar Home System

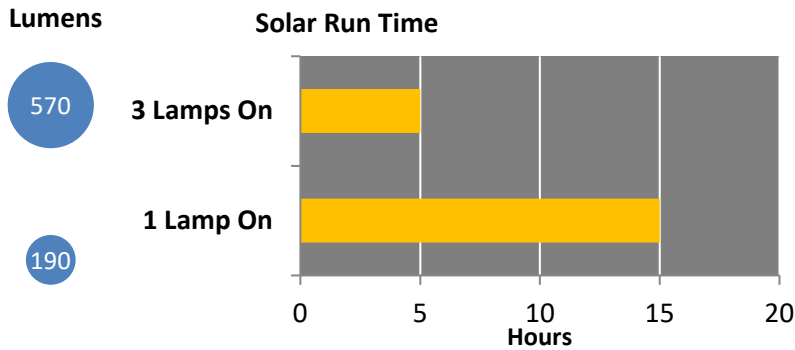
Shenzhen LEMI Technology Development Co., Ltd.

Verify Online:

[www.lightingglobal.org/products/lemi-10W](http://www.lightingglobal.org/products/lemi-10W)

Results based on test procedures detailed in IEC 62257-9-5, ed. 4.0

Valid Until: July 31, 2021



Meets Lighting Global Quality Standards for Pico PV and SHS kits



Mobile Charging

3 Light Points

## Warranty Information

A 2-year warranty covering manufacturing defects.

## Performance Details

Performance Measure	Brightness Setting	
	3 Lamps On	1 Lamp On
Full battery run time* (hours)	8.3	25
Run time per day of solar charging* (hours)	5	15
Total light output (lumens)	570	190
Total lighting service (lumen-hours / solar-day)	2900	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.

## Lighting Details

Lamp type	LED
Description of light points	12 LEDs in each of 3 light points
Colour characteristics	CRI 86 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	User provides adapters included to charge mobile phone from battery
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**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	10 watts

**Battery Details**

Battery replaceability	Easily replaceable with common tools. Warranty is void if battery is replaced by consumer.
Battery chemistry	Lithium-ion
Battery package type	18650-3S2P
Battery capacity	4100 mAh
Battery nominal voltage	11.1 V
Appropriate battery protection circuit	Pass

**Product Details**

Manufacturer name	Shenzhen LEMI Technology Development Co., Ltd.
Product name	10 W Solar Home System
Product model / ID number	LM-LI010
Contact information	info@lemi88.com
Website	<a href="http://www.lemi.com.cn/">http://www.lemi.com.cn/</a>

**SSS Information**

Specs sheet expiration date	July 31, 2021
Quality Standards Framework Version	2018
Revision	2018.11