

10 W Solar Home System

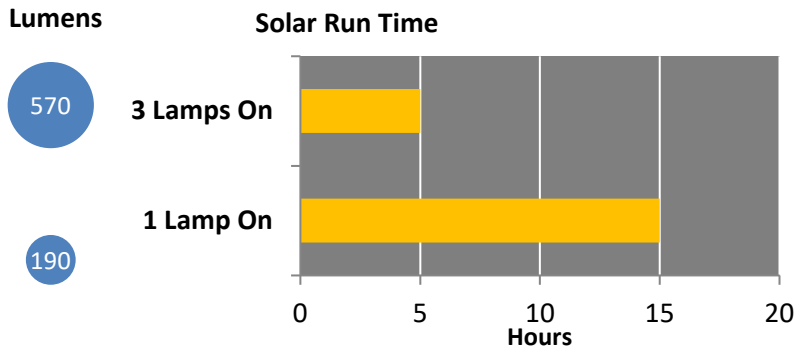
Shenzhen LEMI Technology Development Co., Ltd.

Verify Online:

www.lightingglobal.org/products/lemi-10W

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

Valid Until: May 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 |
|-----------------|---|

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 | http://www.lemi.com.cn/ |

SSS Information

| | |
|-------------------------------------|--------------|
| Specs sheet expiration date | May 31, 2021 |
| Quality Standards Framework Version | 2018 |
| Revision | 2018.11 |