

# Solar Lantern M125-I

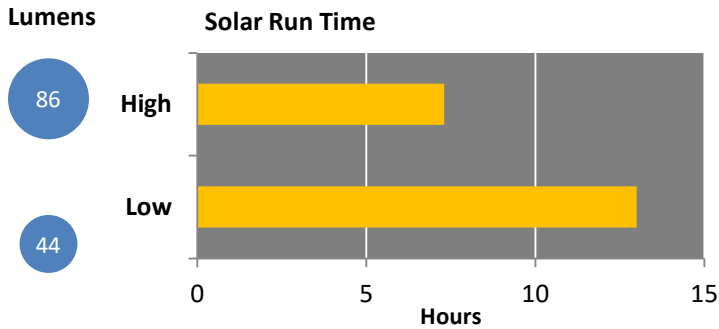
Shanghai EASY Renewable Energy Co., Ltd

Verify Online:

[www.lightingglobal.org/products/sez-M125-I](http://www.lightingglobal.org/products/sez-M125-I)

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

Valid Until: June 30, 2020



✓ Meets Lighting Global Quality Standards

1 Light Point

## Warranty Information

A 2-year warranty covering manufacturing defects.

## Performance Details

Performance Measure	Brightness Setting	
	High	Low
Full battery run time* (hours)	5	8.5
Run time per day of solar charging* (hours) with integrated and external solar module.	7.3	13
Total light output (lumens)	86	44
Total lighting service (lumen-hours / solar-day)	630	570

\* 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 inside a frosted cover
Colour characteristics	CRI 66 CCT "Daylight" (> 5000 K)
Distribution type	Wide
Lumen maintenance	100% of the original output remains after 2,000 hours run time

## Durability

Overall durability and workmanship	Pass
Durability tests passed	Drop test, switch and connector cycling, strain relief test, physical ingress protection test. protection from frequent rain(met with IPX1 and a warning label.)

**Solar Details**

PV module type	Polycrystalline silicon
PV maximum power point	1 W (integrated module) and 1.7 W (external module)

**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
Battery capacity	2000 mAh
Battery nominal voltage	3.7 V
Appropriate battery protection circuit	Pass

**Product Details**

Manufacturer name	Shanghai EASY Renewable Energy Co., Ltd
Product name	Solar Lantern M125-I
Product model / ID number	M125-I
Contact information	wei.cheng@ezrenewables.com
Website	www.ezrenewables.com

**SSS Information**

Specs sheet expiration date	June 30, 2020
Quality Standards Framework Version	2018
Revision	2018.06