

Solar Lantern M125-II

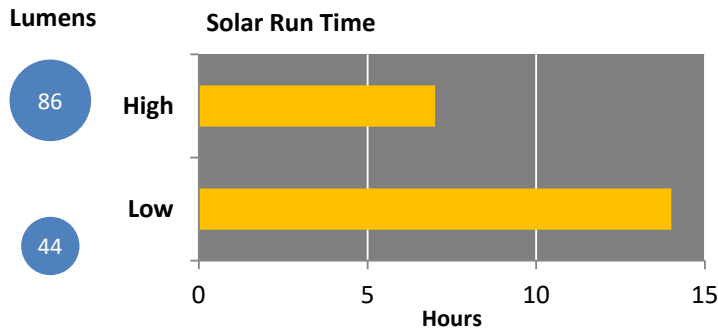
Chaohu Venus Solar Technology Co., Ltd

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

Verify Online:

www.lightingglobal.org/products/cvs-M125-II

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)	9.5	16.5
Run time per day of solar charging* (hours) with integrated and external solar module.	7	14
Total light output (lumens)	86	44
Total lighting service (lumen-hours / solar-day)	600	620

* 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	22650
Battery capacity	4000 mAh
Battery nominal voltage	3.7 V
Appropriate battery protection circuit	Pass

Product Details

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

SSS Information

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