

# Solar Home Light Kit

Chaohu Venus Solar Technology Co., Ltd

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[www.lightingglobal.org/products/cvs-vek8l](http://www.lightingglobal.org/products/cvs-vek8l)

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

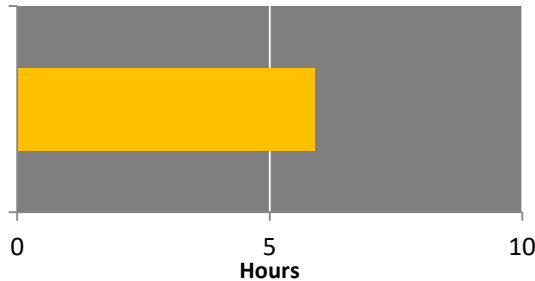
Valid Until: December 31, 2020

Lumens

Solar Run Time

380

2  
Lamps  
On



Meets Lighting Global  
Quality Standards



Mobile Charging

2 Light Points

## Warranty Information

A 2-year warranty covering manufacturing defects.

## Performance Details

Performance Measure	Brightness Setting
	2 Lamps On
Full battery run time* (hours)	9.8
Run time per day of solar charging* (hours)	5.9
Total light output (lumens)	380
Total lighting service (lumen-hours / solar-day)	2200

\* 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	15 LEDs in each of two lamps
Colour characteristics	CRI 68 CCT "Daylight" (>5000 K)
Distribution type	Wide
Lumen maintenance	90% of the original output remains after 2,000 hours run time

## Special Features

Mobile charging	Customer provides adaptors for mobile phone charging
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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, but attempting replacement will void warranty.
Battery chemistry	Lithium-ion
Battery package type	8x1865 package
Battery capacity	15000 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 Home Light Kit
Product model / ID number	VEK-8L
Contact information	wei.cheng@ezrenewables.com
Website	www.ezrenewables.com
Co-brand of	Shanghai EASY Renewable Energy Co., Ltd

**SSS Information**

Specs sheet expiration date	December 31, 2020
Quality Standards Framework Version	2018
Revision	2018.12