

Solar Home Light Kit

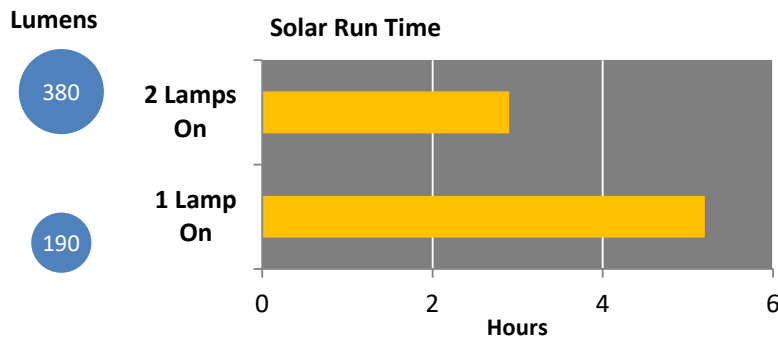
Shanghai EASY Renewable Energy Co., Ltd

Verify Online:

www.lightingglobal.org/products/sez-vek12l

Results based on test procedures detailed in IEC 62257-9-5, ed. 2.0

Valid Until: November 30, 2018



 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	1 Lamp On
Full battery run time* (hours)	12	21
Run time per day of solar charging* (hours)	2.9	5.2
Total light output (lumens)	380	190
Total lighting service (lumen-hours / solar-day)	1100	1000

* 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 "Cool" (5000-7000 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	11 watts

Battery Details

Battery replaceability	Easily replaceable with common tools
Battery chemistry	Lithium-ion
Battery package type	6x1865 package
Battery capacity	23000 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 Home Light Kit
Product model / ID number	VEK-12L
Contact information	wei.cheng@ezrenewables.com
Website	www.ezrenewables.com

SSS Information

Specs sheet expiration date	November 30, 2018
Quality Standards Framework Version	2018
Revision	2018.01