

Smarter Home HS2-36_LB1122

Smarter Grid International Ltd.

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www.lightingglobal.org/products/sgi-ovcamphs136

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

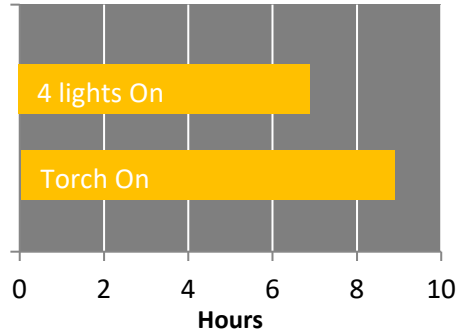
Valid Until: September 30, 2019

Lumens

Solar Run Time

690

4 Lights On
with Torch On



 Meets Lighting Global Quality Standards

 Mobile Charging

5 Light Points

PAYG Pay-As-You-Go Enabled

Warranty Information

Two-year warranty covering battery, solar panel and LED bulbs and a one-year warranty for all other components.

Performance Details

Performance Measure	Brightness Setting**
	4 Lights On with Torch On
Full battery run time* (hours)	7.1 (Four Lights On) 8.2 (Torch On)
Run time per day of solar charging* (hours)	6.1 (Four Lights On) 8.0 (Torch On)
Total light output (lumens)	660 (Four Lights On) 34 (Torch On)
Total lighting service (lumen-hours / solar-day)	4300

* 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.

** Additional brightness settings (not tested): 4 Lights On, 2W bulb on, 1 W bulb on, Torch On, Torch flashing

Lighting Details	
Lamp type	LED
Description of light points	4 hanging pendant light points with 4 LEDs each, and one portable torch with 1 LED
Colour characteristics	CRI 83 CCT "Cool" (5000-7000 K)
Distribution type	Wide
Lumen maintenance	94% of the original output remains after 2,000 hours run time
Special Features	
Mobile charging	Adapters included to charge mobile phone from battery
LEDs	UV-free LEDs
Pay-as-you-go (PAYG)	<ul style="list-style-type: none"> - Encryption coded timer activation, and protocol that can be licensed to any system integrator, without hardware changes; - Firmware level power output cut-off, preventing tampering with by-passing of the power output lock
Durability	
Overall durability and workmanship	Pass
Durability tests passed	Drop test (remote only), switch and connector cycling, strain relief test, physical ingress protection test, and no water ingress protection
Solar Details	
PV module type	Polycrystalline silicon
PV maximum power point	10 watts
Battery Details	
Battery replaceability	Not easily replaceable with common tools
Battery chemistry	Lithium iron phosphate
Battery package type	4 x 26650 package
Battery capacity	3200 mAh
Battery nominal voltage	12.8 V
Appropriate battery protection circuit	Pass
Marks and Certifications	
Factory certification	ISO 9001

Product Details

Manufacturer name	Smarter Grid International Ltd.
Product name	Smarter Home HS2-36_LB1122
Product model / ID number	HS2-36_LB1122
Contact information	h.onoh@smartergridinternational.com
Website	www.smartergridint.com
Co-brand of	ovCamp HS2-36_LB1122, Omnivoltaic Energy Solutions Ltd.

SSS Information

Specs sheet expiration date	September 30, 2019
Quality Standards Framework Version	2017
Revision	2017.09