

Home Mate- H1G

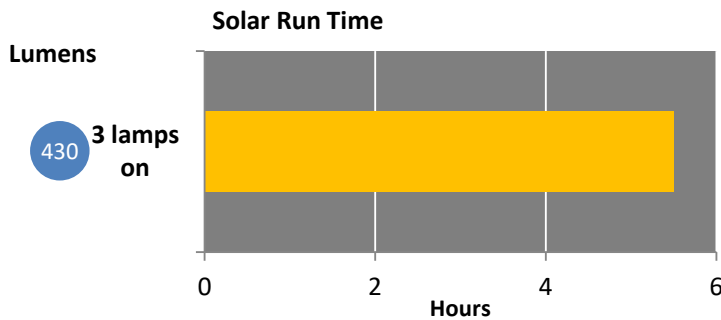
JUA Energy

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

Verify Online:

www.lightingglobal.org/products/jua-jhm30

Valid Until: February 28, 2018



 **Meets Lighting Global Quality Standards**

 **Mobile Charging**

3 Light Points

PAYG Pay-As-You-Go Option Available

Warranty Information

A 2-year warranty covering manufacturing defects.

Performance Details

Performance Measure	Brightness Setting
	3 lamps on
Full battery run time* (hours)	7.1
Run time per day of solar charging* (hours)	5.5
Total light output (lumens)	430
Total area with illumination > 50 lux** (m ²)	0.3
Total lighting service (lumen-hours / solar-day)	2400

* 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.

** Total area with illumination > 50 lux is determined by the maximum area with adequate illumination at a 0.75 m distance and at the distance from which the product would normally provide task lighting service.

Lighting Details

Lamp type	LED
Description of light points	12 LEDs in each bulb under a frosted cover
Colour characteristics	CRI 81 CCT "Near Daylight" (3000-5000 K)
Distribution type	Wide
Lumen maintenance	98% of the original output remains after 2,000 hours run time

Special Features

Mobile charging	USB and micro-USB ports included for mobile phone charging
PAYG	Pay-as-you-go enabled

Durability

Overall durability and workmanship	Pass
Durability tests passed	Switch and connector cycling, strain relief test, and physical ingress protection test

Solar Details

PV module type	Polycrystalline silicon
PV maximum power point	6.7 watts

Battery Details

Battery replaceability	Not easily replaceable with common tools
Battery chemistry	Lithium iron phosphate
Battery package type	26650 x 3
Battery capacity	9600 mAh
Battery nominal voltage	3.2 V
Appropriate battery protection circuit	Pass

Marks and Certifications

Factory certification	ISO 9001:2008, ISO 14001:2004
-----------------------	-------------------------------

Product Details

Manufacturer name	JUA Energy
Product name	Home Mate- H1G
Product model / ID number	JHM-30G
Contact information	hill.ren@juaenergy.com
Website	www.juaenergy.com/

SSS Information

Specs sheet expiration date	February 28, 2018
Quality Standards Framework Version	2015
Revision	2016.07