

Home Mate H2G

JHM-60G/MY
JUA Energy

Results based on test procedures detailed in
IEC 62257-9-5 v.4

Verify online:

www.lightingglobal.org/products/http://www.lightingglobal.org/jua-h2g

Valid until: July 31, 2021



Meets the Lighting Global Solar Home System Kit Quality Standards



Mobile charging

PAYG

Pay-As-You-Go option available

3

Light point(s)



Plug-and-play



WARRANTY INFORMATION

A 2-year warranty covering manufacturing defects in the system.

PERFORMANCE DETAILS

			Run time after a typical day of solar charging (assuming 5kWh/m ² /day)		
		Appliance ^a	Description	Used alone ^b	Used in combination ^c
included in kit		Main lighting unit	3 light points on high totaling 600 lumens and 6 W power	9.3 hours	4.4 hours
	sold separately	Mobile phone	Smart phone (5.7 Wh battery)	12 full charge(s)	1.5 full charge(s)
Television		15 W power	6 hours	2.6 hours	
Radio		Portable (0.5 W power)	110 hours	5	

Available daily electrical energy^c (Wh/day) 79

Performance measure	Brightness setting: 3 Lamps on High
Lighting full battery run time ^d for main unit (hours)	9.3
Total lighting service (lumen-hours/solar-day) (includes the both main lighting unit and any auxiliary lights included with the product)	5700

^a Only included appliances were tested. Run times and power ratings for appliances sold separately come from manufacturer ratings or standard estimates.

^b Without any other loads used during the run time

^c Based on an example use profile with all of the appliances listed in the "Used in combination" column used simultaneously.

^d Lighting full battery 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 name	Number of lamps	Number of settings	Setting	Light output (lm)	Lumen efficacy ^e (lm/W)	CRI ^f	CCT ^g	Distribution type	Lumen maintenance ^h
200 lm lamp	3	2	high	200	98	72	7600	Wide	100%

^e Lumen efficacy is the power consumption at a light point during the light output test.

^f Color Rendering Index. An index of 100 is equivalent to viewing objects in daylight; above 80 is considered good.

^g Correlated Color Temperature in degrees Kelvin. Describes color appearance as warm (2700-3000 K), cool (3000-5000 K), or daylight (>5000 K)

^h Percent of the original light output that remains after 2,000 hours of run time

SPECIAL FEATURES**PAYG****Pay-As-You-Go enabled****PORTS**

2

USB 2.0 type A

Mobile phone, radio and tablet can be charged. Charging cables are not included.

3

Barrel jack

12 V ports available to charge light points, TV and fan.

DURABILITY

Overall durability and workmanship

Pass

Durability tests passed

Switch test, Strain relief test, physical ingress protection.

Level of water protection

Main Lighting Unit

Water ingress protection not tested, meant for indoor use only.

PV module

Has protection from permanent outdoor exposure.

SOLAR DETAILS

PV module type

Polycrystalline silicon

PV maximum power

38 watts

BATTERY DETAILS

Battery replaceability

Not easily replaceable with common tools.

Battery chemistry

Lithium iron phosphate

Battery package type

26650

Battery capacity

10 Ah

Battery nominal voltage

6.4 V

Battery status indication

One indicator for battery state-of-charge, one for keypad and two for credit level.

MARKS AND CERTIFICATIONS

Factory certification

ISO 9001:2015

PRODUCT DETAILS

Manufacturer name

JUA Energy

Product name

Home Mate H2G

Product model / ID number

JHM-60G/MY

Contact information

hill.ren@juaenergy.com

Website

<http://www.juaenergy.com/>

Dimensions (entire product in package)

Multiple packages. Contact manufacturer for more information.

Mass

Multiple packages. Contact manufacturer for more information.

SSS INFORMATION

Specs sheet expiration date

July 31, 2021

Quality standards framework version

2019

Revision

2019.07