Home Mate- H1/H1G
JHM-30 and JHM-39G
JUA Energy
Meets the Lighting Global Pico-PV Quality Standards
Mobile charging
Pay-As-You-Go option available
Light point(s)
Plug-and-play

WARRANTY INFORMATION
2-year warranty covering manufacturing defects

PERFORMANCE DETAILS

<table>
<thead>
<tr>
<th>Appliance</th>
<th>Description</th>
<th>Used alone a</th>
<th>Used in combination c</th>
</tr>
</thead>
<tbody>
<tr>
<td>included in kit</td>
<td>Main lighting unit</td>
<td>3 light points on High totaling 510 lumens and 3.6 W power</td>
<td>5.2 hours</td>
</tr>
<tr>
<td>sold separately</td>
<td>Smart Phone</td>
<td>Smart phone (5.7 Wh battery)</td>
<td>2.4 full charge(s)</td>
</tr>
<tr>
<td></td>
<td>Mobile phone</td>
<td>Basic phone (3.7 Wh battery)</td>
<td>4.1 full charge(s)</td>
</tr>
<tr>
<td></td>
<td>Tablet</td>
<td>Tablet Computer (15Wh battery)</td>
<td>0.92 hours</td>
</tr>
</tbody>
</table>

Available daily electrical energy c (Wh/day) 18

Performance measure
Lighting full battery run time d for main unit (hours) 6.7
Total lighting service (lumen-hours/solar-day) 2650
(includes the both main lighting unit and any lights with internal batteries included with the product)

LIGHTING DETAILS

<table>
<thead>
<tr>
<th>Lamp name</th>
<th>Number of lamps</th>
<th>Number of settings</th>
<th>Setting</th>
<th>Light output (lm)</th>
<th>Lumen efficacy a (lm/W)</th>
<th>CRI f</th>
<th>CCT g</th>
<th>Distribution type</th>
<th>Lumen maintenance h</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lamp</td>
<td>3</td>
<td>1</td>
<td>On</td>
<td>170</td>
<td>138</td>
<td>81</td>
<td>4900</td>
<td>Wide</td>
<td>101%</td>
</tr>
</tbody>
</table>

a Lumen efficacy is the power consumption at a light point during the light output test.
b Color Rendering Index. An index of 100 is equivalent to viewing objects in daylight; above 80 is considered good.
c Correlated Color Temperature in degrees Kelvin. Describes color appearance as warm (2700-3000 K), cool (3000-5000 K), or daylight (>5000 K)
d Percent of the original light output that remains after 2,000 hours of run time

e Light point(s)
f Available daily electrical energy c (Wh/day)
g Run time after a typical day of solar charging (assuming 5kWh/m²/day)
h Performance measure
i Brightness setting: On
### PAYG enabled

Pay-As-You-Go enabled. The JHM-30 G is PAYG enabled. The JHM-30 in not PAYG enabled.

### Ports

<table>
<thead>
<tr>
<th>Port</th>
<th>Description</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>USB 3.0 type A</td>
<td>Mobile phones and radios can be charged. Adapters are included.</td>
</tr>
<tr>
<td>3</td>
<td>Barrel jack</td>
<td>Three barrel jacks for light points. 12 V ports available to charge devices and appliances.</td>
</tr>
</tbody>
</table>

### Durability

<table>
<thead>
<tr>
<th>Test</th>
<th>Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overall durability and workmanship</td>
<td>Pass</td>
</tr>
<tr>
<td>Durability tests passed</td>
<td>Switch test, Strain relief test, Physical ingress protection.</td>
</tr>
<tr>
<td>Level of water protection</td>
<td>PV module</td>
</tr>
</tbody>
</table>

### SOLAR DETAILS

- PV module type: Polycrystalline silicon
- PV maximum power: 8.7 watts

### MAIN UNIT BATTERY DETAILS

- Battery replaceability: Not easily replaceable with common tools.
- Battery chemistry: Lithium iron phosphate
- Battery package type: 18650 x 3
- Battery capacity: 9.6 Ah
- Battery nominal voltage: 3.2 V
- Battery status indication: One indicator for battery state of charge.

### MARKS AND CERTIFICATIONS

- Manufacturer name: JUA Energy
- Product name: Home Mate- H1/H1G
- Product model / ID number: JHM-30 and JHM-30G
- Contact information: hill.ren@juaenergy.com
- Website: www.juaenergy.com
- Dimensions (entire product in package): 21 x 36 x 9.5 cm
- Mass: 2335 g
- Specs sheet expiration date: July 31, 2022
- Quality standards framework version: 2020
- Revision: 2020.07