YelloBox Solar Home System
K088 L1
Shenzhen Solar Run Energy Co. Ltd.
Results based on test procedures detailed in IEC 62257-9-5 v.4
Verify online:
www.lightingglobal.org/products/ssr-ybl
Valid until June 30, 2021

Meets the Lighting Global Pico-PV Quality Standards

Mobile charging
Pay-As-You-Go option available
4
Light point(s)
Plug-and-play

WARRANTY INFORMATION
A 1-year warranty covering manufacturing defects in the system

PERFORMANCE DETAILS

<table>
<thead>
<tr>
<th>Appliance*</th>
<th>Description</th>
<th>Run time after a typical day of solar charging (assuming 5kWh/m²/day)</th>
</tr>
</thead>
<tbody>
<tr>
<td>included in kit</td>
<td>Main lighting unit 5 light points on high totalling 570 lm and 5 W</td>
<td>5.3 hours 4.3 hours</td>
</tr>
<tr>
<td>sold separately</td>
<td>Mobile phone Basic phone (3.7 Wh battery)</td>
<td>5.4 full charge(s) 1.1 full charge(s)</td>
</tr>
</tbody>
</table>

Available daily electrical energyc (Wh/day) 26

<table>
<thead>
<tr>
<th>Performance measure</th>
<th>Brightness setting: 4 LED bulbs and Integrated Light on High</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lighting full battery run timec for main unit (hours)</td>
<td>7.2</td>
</tr>
<tr>
<td>Total lighting service (lumen-hours/solar-day) (includes the both main lighting unit and any auxiliary lights included with the product)</td>
<td>3000</td>
</tr>
</tbody>
</table>

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

<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 efficacye (lm/W)</th>
<th>CRI(^f)</th>
<th>CCTg</th>
<th>Distribution type</th>
<th>Lumen maintenanceh</th>
</tr>
</thead>
<tbody>
<tr>
<td>LED Lamp</td>
<td>4</td>
<td>1</td>
<td>On</td>
<td>100</td>
<td>92</td>
<td>74</td>
<td>7300</td>
<td>Wide</td>
<td>98%</td>
</tr>
<tr>
<td>Integrated Light</td>
<td>1</td>
<td>3</td>
<td>High</td>
<td>149</td>
<td>75</td>
<td>75</td>
<td>6900</td>
<td>Wide</td>
<td>98%</td>
</tr>
</tbody>
</table>

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
## BATTERY DETAILS
- **Battery replaceability**: Not easily replaceable with common tools.
- **Battery chemistry**: Lithium-ion
- **Battery package type**: 18650
- **Battery capacity**: 4.9 Ah
- **Battery nominal voltage**: 7.4 V
- **Battery status indication**: Four LEDs indicate the PAYG status, charging status and battery state of charge.

## SOLAR DETAILS
- **PV module type**: Polycrystalline silicon
- **PV maximum power**: 8.3 watts

## PORTS
- **2 USB 2.0 type A**: Mobile phones can be charged
- **5 Barrel jack**: 5 ports available to charge lights

## DURABILITY
- **Overall durability and workmanship**: Pass
- **Durability tests passed**: Switch test, Drop test, Strain relief test, physical ingress protection.
- **Level of water protection**:
  - **Main Lighting Unit**: Has protection from occasional rain; met with appropriate warning label
  - **PV module**: Has protection from permanent outdoor exposure

## PRODUCT DETAILS
- **Manufacturer name**: Shenzhen Solar Run Energy Co. Ltd.
- **Product name**: YelloBox Solar Home System
- **Product model / ID number**: K088 L1
- **Contact information**: info@solarunoffgrid.com
- **Website**: www.solarunoffgrid.com
- **Dimensions (entire product in package)**: Contact manufacturer for more information
- **Mass**: 2390 g

## SSS INFORMATION
- **Specs sheet expiration date**: June 30, 2021
- **Quality standards framework version**: 2019
- **Revision**: 2019.06