P1T Solar Energy Storage System
BeeBeeJump Technology Co., Ltd
Results based on test procedures detailed in IEC 62257-9-5 v.4
Valid until: December 31, 2021
Verify online: www.lightingglobal.org/products/bbj-p1t

Meets the Lighting Global Solar Home System Kit Quality Standards

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

WARRANTY INFORMATION
2-year warranty for PV, main unit, battery, and LED bulbs; 1-year for torch and cables.

PERFORMANCE DETAILS

<table>
<thead>
<tr>
<th>Appliancea</th>
<th>Description</th>
<th>Run time after a typical day of solar charging (assuming 5kWh/m²/day)</th>
<th>Used aloneb</th>
<th>Used in combinationc</th>
</tr>
</thead>
<tbody>
<tr>
<td>Main lighting unit</td>
<td>3 light points on high totaling 390 lumens and 4.5 W power</td>
<td></td>
<td>7.1 hours</td>
<td>5.5 hours</td>
</tr>
<tr>
<td>Torch</td>
<td>1.8 mAh, 98 lumens torch, 3.7 V nominal voltage</td>
<td></td>
<td>34 hours</td>
<td>6 hours</td>
</tr>
<tr>
<td>Mobile phone</td>
<td>Basic phone (3.7 Wh battery)</td>
<td></td>
<td>9.7 full charge(s)</td>
<td>1.5 full charge(s)</td>
</tr>
</tbody>
</table>

Available daily electrical energyd (Wh/day) 38

Performance measure

| Lighting full battery run time for main unit (hours) | 5.4 |
| Lighting full battery run time torch (hours) | 5.4 |
| Total lighting service (lumen-hours/solar-day) (includes the both main lighting unit and any auxiliary lights included with the product) | 1500 |

d 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>CRIf</th>
<th>CCTg</th>
<th>Distribution type</th>
<th>Lumen maintenanceh</th>
</tr>
</thead>
<tbody>
<tr>
<td>LED bulb</td>
<td>3</td>
<td>2</td>
<td>high</td>
<td>130</td>
<td>88</td>
<td>83</td>
<td>6800</td>
<td>Wide</td>
<td>100%</td>
</tr>
<tr>
<td>Torch</td>
<td>1</td>
<td>3</td>
<td>high</td>
<td>98</td>
<td>110</td>
<td>68</td>
<td>6800</td>
<td>Narrow</td>
<td>100%</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
### SPECIAL FEATURES

#### PAYG Pay-As-You-Go enabled

<table>
<thead>
<tr>
<th>PORTS</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>USB 2.0 type A</td>
</tr>
<tr>
<td>5</td>
<td>Barrel jack</td>
</tr>
</tbody>
</table>

Mobile phones and other devices can be charged. 5-in-1 adapter is included.

#### DURABILITY

<table>
<thead>
<tr>
<th>Overall durability and workmanship</th>
<th>Pass</th>
</tr>
</thead>
<tbody>
<tr>
<td>Durability tests passed</td>
<td>Switch test, Drop test, Strain relief test, physical ingress protection.</td>
</tr>
<tr>
<td>Level of water protection</td>
<td>Water ingress protection not tested, meant for indoor use only.</td>
</tr>
<tr>
<td>PV module</td>
<td>Has protection from permanent outdoor exposure</td>
</tr>
<tr>
<td>Torch</td>
<td>Has protection from occasional rain; met with appropriate warning label</td>
</tr>
</tbody>
</table>

#### SOLAR DETAILS

<table>
<thead>
<tr>
<th>PV module type</th>
<th>Polycrystalline silicon</th>
</tr>
</thead>
<tbody>
<tr>
<td>PV maximum power</td>
<td>15 watts</td>
</tr>
</tbody>
</table>

#### BATTERY DETAILS

| Battery replaceability                  | Easily replaceable with common tools; however, the warranty is void if product is opened. |
| Battery chemistry                       | Lithium iron phosphate |
| Battery package type                    | 4 x 26650 (main unit), 18650 (Li-ion torch) |
| Battery capacity                        | 6.8 Ah |
| Battery nominal voltage                 | 6.4 V |
| Battery status indication               | One screen for battery state of charge, fault warning, credit status, charging status and product information. Torch also has an indicator light for charging. |

#### PRODUCT DETAILS

<table>
<thead>
<tr>
<th>Manufacturer name</th>
<th>BeeBeeJump Technology Co., Ltd</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product name</td>
<td>P1T Solar Energy Storage System</td>
</tr>
<tr>
<td>Product model / ID number</td>
<td>P1T</td>
</tr>
<tr>
<td>Contact information</td>
<td><a href="mailto:zhaolingli@beebeejump.com">zhaolingli@beebeejump.com</a></td>
</tr>
<tr>
<td>Website</td>
<td><a href="http://www.beebeejump.com">www.beebeejump.com</a></td>
</tr>
<tr>
<td>Co-branded by</td>
<td>Micergy Powerlink Series MP1T, Micergy Company Limited</td>
</tr>
<tr>
<td>Dimensions (entire product in package)</td>
<td>32.5 x 41 x 8.5 cm</td>
</tr>
<tr>
<td>Mass</td>
<td>4070 g</td>
</tr>
</tbody>
</table>

#### SSS INFORMATION

| Specs sheet expiration date         | December 31, 2021               |
| Quality standards framework version | 2019                            |
| Revision                            | 2019.12                         |