PRODUCT SPECIFICATION

GP Portable PowerBank
Model : B20A

Revision History

<table>
<thead>
<tr>
<th>Revision</th>
<th>Date</th>
<th>Initiator</th>
<th>Reason for Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.0</td>
<td>11 Apr 2018</td>
<td>CC Li</td>
<td>Draft Release</td>
</tr>
</tbody>
</table>

Prepared By
CC Li
Date: 11 Apr 2018

Approved By
Kevin Chan
Date: 11 Apr 2018

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Manufacturer reserves the right to alter or amend the design, model and specification without prior notice.
Product Specification

Model no.: B20A

Product Name: GP Portable PowerBank B20A
Description: Back up power for USB powered electronic devices (e.g. smartphones, tablet PCs)
Battery Rating: Lithium Polymer 3.6V 20000mAh 36Wh
Input: Micro USB - 2A/5V DC
Output: USB-A - 2.1A /5V DC (Total for two ports)
Application: Charge USB powered electronic devices
Recharging Time: 12 hours by 5V/2A via Micro USB port;
Discharging Time: 5.5 hours at 5V/2.1A at USB-A port
(The discharging time may vary for different devices)
Operation Temperature: 5°C to 40°C

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Product Specification

Model no.: B20A

Safety protection:
1) Over voltage protection
2) Under voltage protection
3) Over charging protection
4) Over discharging protection
5) Over current protection
6) Short circuit protection

LED Indication:
Charging & Discharging the Portable PowerBank

<table>
<thead>
<tr>
<th>Charging &amp; Discharging Condition</th>
<th>LED Indicator</th>
</tr>
</thead>
<tbody>
<tr>
<td>Charging</td>
<td>Last LED flashing</td>
</tr>
<tr>
<td>Discharging</td>
<td>Refer to battery status (Table 2)</td>
</tr>
<tr>
<td>Fully charged</td>
<td>All LEDs On</td>
</tr>
</tbody>
</table>

Press button to show battery status:

<table>
<thead>
<tr>
<th>Battery Strength</th>
<th>LED Indicator</th>
</tr>
</thead>
<tbody>
<tr>
<td>Good</td>
<td>Four LED on</td>
</tr>
<tr>
<td>Good to average</td>
<td>First Three LED on</td>
</tr>
<tr>
<td>Average</td>
<td>First Two LED on</td>
</tr>
<tr>
<td>Weak</td>
<td>One LED on</td>
</tr>
<tr>
<td>Very Weak</td>
<td>One LED Flash</td>
</tr>
<tr>
<td>No Power</td>
<td>No LED</td>
</tr>
</tbody>
</table>

Dimensions: 159 (L) x 83 (W) x 22 (H) mm +/-0.5mm
Weight: 454 g +/- 5g (approx.)
Certification: CE, FCC, RoHS, UN38.3
Warranty Period: 12 months from ex-factory date

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