PRODUCT SPECIFICATION

GP Portable PowerBank
Model : MP05MA

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>22 Dec 2017</td>
<td>First Release</td>
<td></td>
</tr>
<tr>
<td>0.1</td>
<td>15 Jan 2018</td>
<td></td>
<td>Update product line dwg &amp; re-charging time</td>
</tr>
</tbody>
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Prepared By
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Approved By
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Date: 15 Jan 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.: MP05MA

Product Name: GP MP05MA Portable PowerBank with Type C port

Description: Back up power for USB powered electronic devices (e.g. smartphones, tablet PCs)

Battery Rating: Lithium Polymer 3.7V 5000mAh 18.5Wh

Micro USB Port: Input 1A / 5V DC

USB Port (x2): Output 2.1A / 5V DC (Total)

Application: Charge USB powered electronic devices

Recharging Time: 5.5 hours by 5V/1A;

Discharging Time: 1 hours 15 mins at 2.1A

(The discharging time may vary for different devices)

Operation Temperature: 5°C to 40°C

Safety protection: 1) Over current protection

2) 1st Level over charging & discharging protection

3) 2nd Level over charging & discharging protection

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**Model no.: MP05MA**

4) Short circuit protection
5) Over temperature protection
6) Under temperature protection
7) Loop back 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>
<tr>
<td>Errors</td>
<td>1st LED Fast flashing &amp; then off</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>No Power</td>
<td>No LED</td>
</tr>
</tbody>
</table>

Dimensions : 135.5 (L) x 70 (W) x 10 (H) mm (+/- 0.5mm)
Weight : 147g (approx.)
Certification : CE, FCC, UN38.3, IEC62133 (Pending), IEC60950 (Pending)
Warranty Period : 12 months from ex-factory date

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