

GP Batteries

PRODUCT SPECIFICATION

**GP Portable PowerBank
Model : T20B**

Revision History

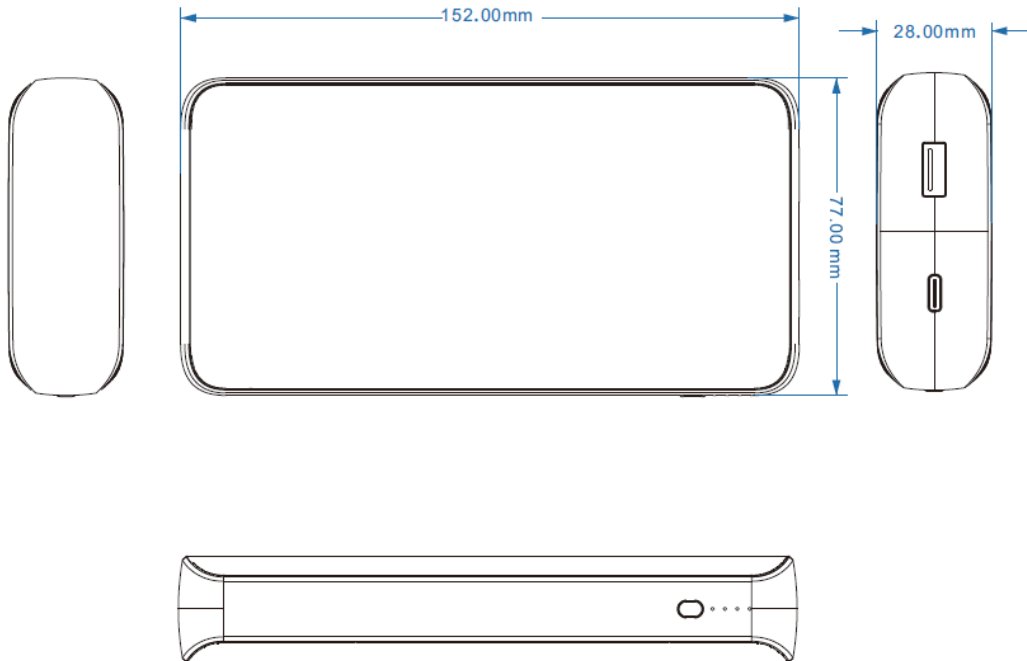
| Revision | Date | Initiator | Reason for Change |
|-----------------|-------------|------------------|-----------------------------|
| V0.0 | 26 Aug 2020 | CC Li | Initial Release |
| V0.1 | 14 Sep 2020 | CC Li | Update Thickness and Weight |
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| Prepared By | Approved By |
| CC Li | Kevin Chan |
| Date: 14 Sep 2020 | Date: 14 Sep 2020 |

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Product Specification

Model no.: T20B



| | |
|-----------------------|---|
| Product Name | : GP Portable PowerBank T20B |
| Description | : Back up power for USB powered electronic devices (e.g. smartphones, tablet PCs) |
| Battery Rating | : Lithium Polymer 3.7V 20,000mAh 74Wh |
| Input | : USB-C – 3A/5V or 3A/9V or 3A/12V or 3A/15V or 3.25A/20V DC (65W Max.) |
| Output | : USB-A – 3A /5V or 3A/9V or 2.25A/12V DC (27W Max.) USB-C – 3A/5V or 3A/9V or 3A/12V or 3A/15V or 3.25A/20V DC (65W Max.) Support pass through charging with output of 5V DC only at USB-A |
| Application | : Charge USB powered electronic devices |
| Recharging Time | : 7.5 hours by 5V/3A via USB-C port; 2.5 hours by 20V/ 2.25A via USB-C port |
| Discharging Time | : 4 hours at 5V/3A at USB-A or USB-C port (The discharging time may vary for different devices) |
| Operation Temperature | : 0°C to 35°C |

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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
7) Over & under temperature protection
8) Loop back protection

LED Indication : **Charging & Discharging the Portable PowerBank**

Table 1

| Charging & Discharging Condition | LED Indicator (White) | LED Indicator (1 blue shared with same LED hole of the 4 th White LED) |
|----------------------------------|-----------------------------------|---|
| Charging | Last LED flashing | On for fast charge/discharge operation |
| Discharging | Refer to battery status (Table 2) | Off for normal 5V charging/discharge |
| Fully charged | All LEDs On | |

Press button to show battery status :

Table 2

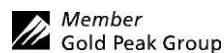
| Battery Strength | LED indicator |
|------------------|--------------------|
| Good | Four LED on |
| Good to average | First Three LED on |
| Average | First Two LED on |
| Weak | One LED on |
| Very Weak | One LED Flash |
| No Power | No LED |

Dimensions : 152 (L) x 77 (W) x 28 (H) mm +/-0.5mm

Weight : 455 g +/- 10g

Certification : CE, RoHS & UN38.3

Warranty Period : 12 months from ex-factory date



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