



PRODUCT SPECIFICATION

GP Portable PowerBank Model : M20C

Revision History

Revision	Date	Initiator	Reason for Change
0.0	15 Jan 2024	CC Li	Draft Release

Prepared By	Approved By
CC Li	Joyce Tse
Date: 15 Jan 2024	Date: 15 Jan 2024



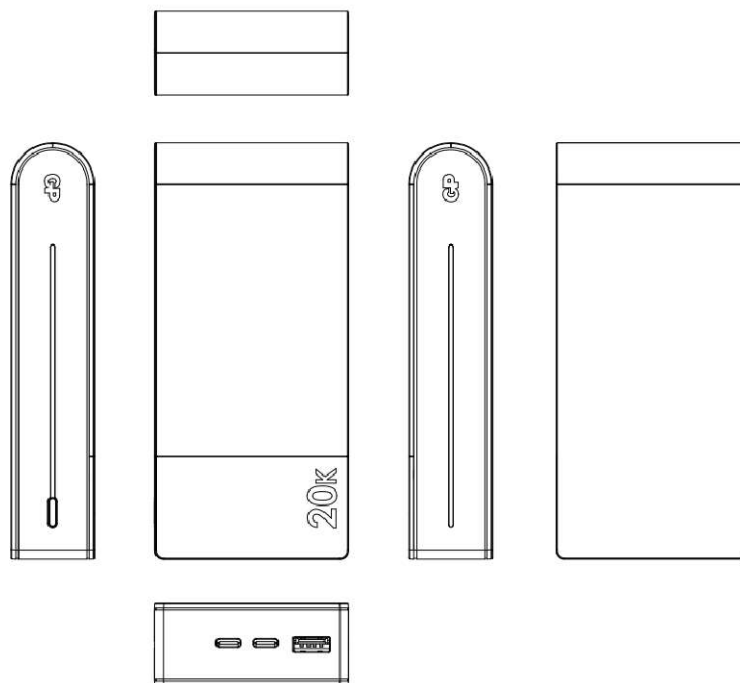
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Manufacturer reserves the right to alter or amend the design, model and specification without prior notice.

GP Batteries

Product Specification

Model no.: M20C



Product Name	: GP Portable PowerBank M20C
Description	: M2+ 20000mAh PD 22.5W PowerBank
Battery Rating	: Lithium Polymer 3.7V 20000mAh 74Wh
Input	: [USB-C1 PD] DC 5V/3.0A, 9V/2.0A, 12V/1.5A (18.0W Max.)
Output	: [USB-C1 PD] DC 5V/3.0A, 9V/2.22A, 12V/1.67A (20.0W Max.) [USB-C2 PD] DC 5V/3.0A, 9V/2.22A, 12V/1.67A (20.0W Max.) [USB-A] DC 5V/4.5A, 9V/2.0A, 12V/1.5A (22.5W Max.) [USB-C1+USB-C2+USB-A] DC 5.0V/3.0A (15W Max.)
Total output	: 22.5W Max.
Application	: Charge mobile and electronic devices with USB input
Recharging Time	: 6.5 hours by 9V/2A via USB-C port
Operation Temperature	: 5°C to 35°C

GP Batteries

Product Specification

Model no.: M20C

Safety protection : 1) Over voltage protection
2) Over current protection
3) Over charging and discharging protection
4) Short circuit protection
5) Over temperature protection
6) Loop back protection

Light load charging : Activated by press and hold button for 2 seconds. The last digit on LED display will show spinning "0". Disabled by press and hold the button again for 2 seconds or it will automatically exit after 6 hours.

LED Display : **Charging & Discharging the PowerBank**

Charging the power bank : The LED display will turn on and show current battery level percentage while last digit will be flashing. The LED display digit will increase (range from 0% to 100%). When power bank is full of charging capacity, the last digit will stop flashing.

When power bank is under fast charging, the green "Lightening" icon will be ON.

Discharging the power bank or Press Button : The LED display will turn on and show current battery level percentage. The LED display digit will decrease (range from 100% to 0%) while the power bank is discharging.

When power bank is under fast discharging, the green "Lightening" icon will be ON.

Dimensions : 145.8 (L) x 67.7 (W) x 29.3 (H) mm +/-0.5mm

Weight : 430g +/- 10g (TBC)

Certification : CE, FCC, UKCA, RoHS, UN38.3, IEC62133, IEC62368

Bundled cable : 30cm Essential USB-A to USB-C charging cable

Warranty Period : 12 months from ex-factory date

Remarks : Power bank will shut down automatically when it's depleted. Reverse charging will happen if the power bank is completely empty when connected to a device.



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