



## PRODUCT SPECIFICATION

### GP Portable PowerBank Model : M10B

#### Revision History

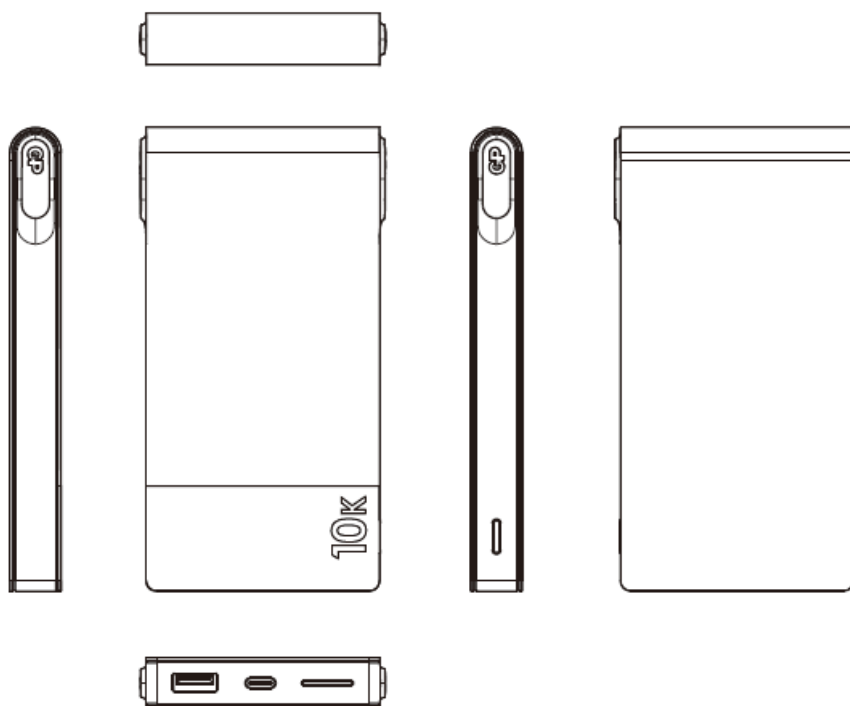
Revision	Date	Initiator	Reason for Change
0.0	25 Aug 2021	Kevin Chan	Draft Release
0.1	1 Nov 2021	Kevin Chan	Updated weight and IEC
0.2	11 Nov 2021	Kevin Chan	Updated input specs and remarks on reverse charging
0.3	20 Jan 2022	Kevin Chan	Updated input rating to 5V/3.0A

Prepared By	Approved By
Kevin Chan	Kevin Chan
Date: 25 Aug 2021	Date: 25 Aug 2021

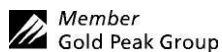
# GP Batteries

## Product Specification

Model no.: M10B



Product Name	:	GP Portable PowerBank <b>M10B</b>
Description	:	M-series v2 10000mAh PD 22.5W PowerBank
Battery Rating	:	Lithium Polymer 3.7V 10000mAh 37Wh
Input	:	[USB-C PD] DC 5V/3.0A, 9V/2.0A, 12V/1.5A (18.0W Max.)
Output	:	[USB-C 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-C+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	:	4 hours by 9V/2A via USB-C port
Operation Temperature	:	5°C to 35°C



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

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

Light load charging : Activated by double clicking the button. Disabled by single click.

Will charge till current is down to 20 to 100mA or a maximum of 6 hours.

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

There are four diffused white LEDs for battery status, ☀: LED blinking, ○: LED off, ●: LED on, with ±5% error)

There is one blue LED to indicate fast charging.

Item	Scope	Status			
		LED #1	LED #2	LED #3	LED #4
Charge indication	Power Level				
	100%	●	●	●	●
	75-100%	●	●	●	☀
	50-75%	●	●	☀	○
	25-50%	●	☀	○	○
0-25%	☀	○	○	○	

Press button to show battery status :

Item	Scope	Status			
		LED #1	LED #2	LED #3	LED #4
Discharge and battery level indication	Power Level				
	75-100%	●	●	●	●
	50-75%	●	●	●	○
	25-50%	●	●	○	○
	10-25%	●	○	○	○
0-10%	☀	○	○	○	

Dimensions : 133 (L) x 67 (W) x 14.5 (H) mm +/-0.5mm  
Weight : 210g +/- 10g  
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 : PowerBank will shut down automatically when it's depleted. Reverse charging will happen if the powerbank is completely empty when connected to a device.

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