



PRODUCT SPECIFICATION

GP Portable PowerBank Model : M20D

Revision History

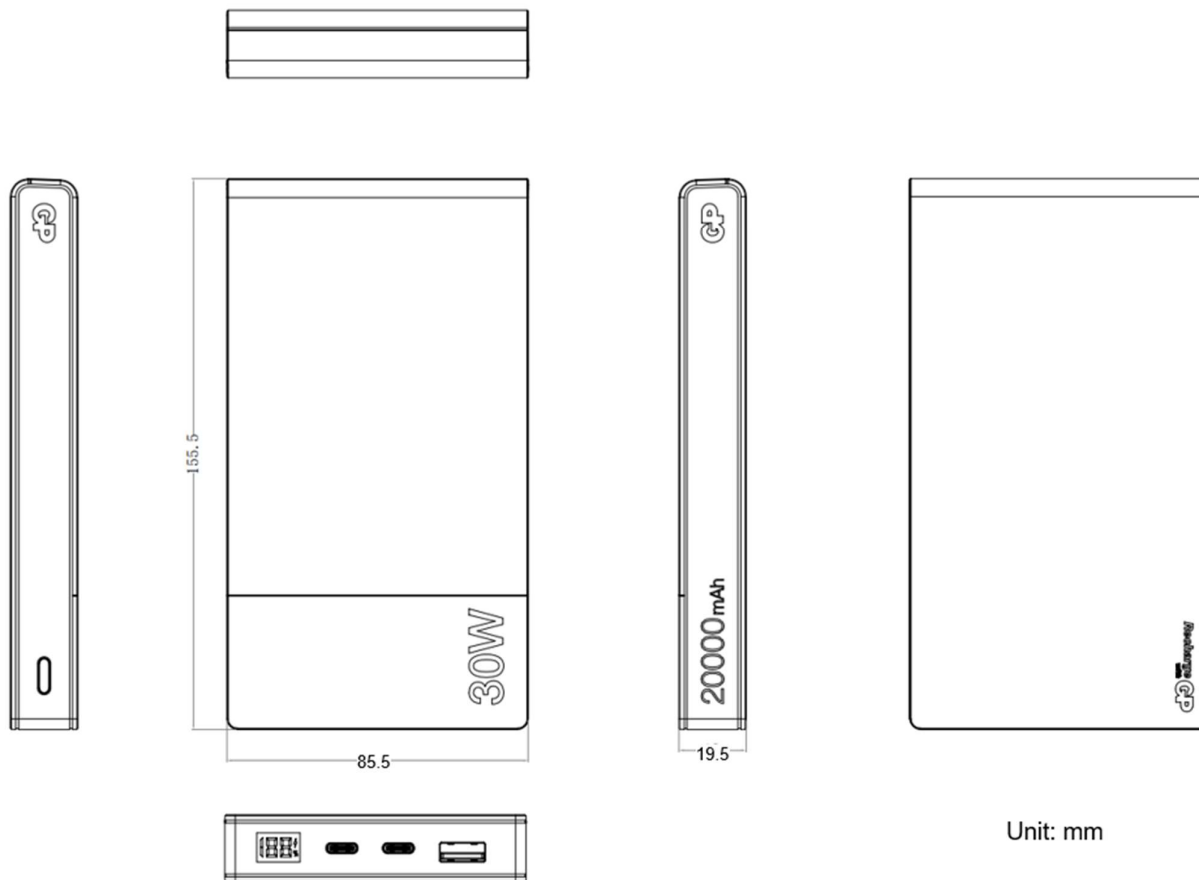
Revision	Date	Initiator	Reason for Change
0.0	12 Feb 2026	CC Li	Draft Release

Prepared By	Approved By
Alex KF Chan	Joyce Tse
Date: 12 Feb 2026	Date: 12 Feb 2026

GP Batteries

Product Specification

Model no.: M20D



Product Name	: GP Portable PowerBank M20D
Description	: M3 20000mAh PD 30W PowerBank
Battery Rating	: Lithium Polymer 15.4V 5000mAh 74Wh (equivalent to 3.85V 20000mAh 74Wh)
Input	: [USB-C1/C2 PD] DC 5V/3A, 9V/3A, 12V/2.5A, 15V/2A, 20V/1.5A (30W Max.)
Output	: [USB-C1/C2 PD] DC 5V/3A, 9V/3A, 12V/2.5A, 15V/2A, 20V/1.5A (30W Max.) [USB-A] DC 5V/3A, 9V/2A, 10V/2.25A, 12V/1.5A (22.5W Max.) [USB-C1+USB-C2+USB-A] DC 5V/3A (15W Max.)
Total output	: 30W Max.
Application	: Charge mobile and electronic devices with USB input
Recharging Time	: 3 hours by 20V/1.5A via USB-C port
Operation Temperature	: 5°C to 35°C

GP Batteries

Product Specification

Model no.: M20D

Safety protection : 1) Over voltage protection
2) Under voltage protection
3) Overload protection
4) Over charging protection
5) Over discharging protection
6) Short circuit protection
7) Over temperature protection
8) Loop back protection

Light load charging :

Activated by press and hold button for 3 seconds. The last digit on LED display will show spinning "0".
Disabled by press and hold the button again for 3 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 : 155.5 (L) x 85.5 (W) x 19.5 (H) mm +/-1mm
Weight : 355g +/- 10g
Certification : CE, UKCA, RoHS, UN38.3, IEC62133, IEC62368, CCC (TBC)
Bundled cable : 30cm USB-C to USB-C 30W charging/discharging 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.



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