

# GP Batteries

## PRODUCT SPECIFICATION

**GP Portable PowerBank  
Model : Q05B**

### Revision History

Revision	Date	Initiator	Reason for Change
V0.0	16 Jan 2024		Draft Release
V0.1	13 Mar 2024		Update LED indication on battery strength

Prepared By	Approved By
CC Li	Joyce Tse
Date: 31 Jan 2024	Date: 31 Jan 2024



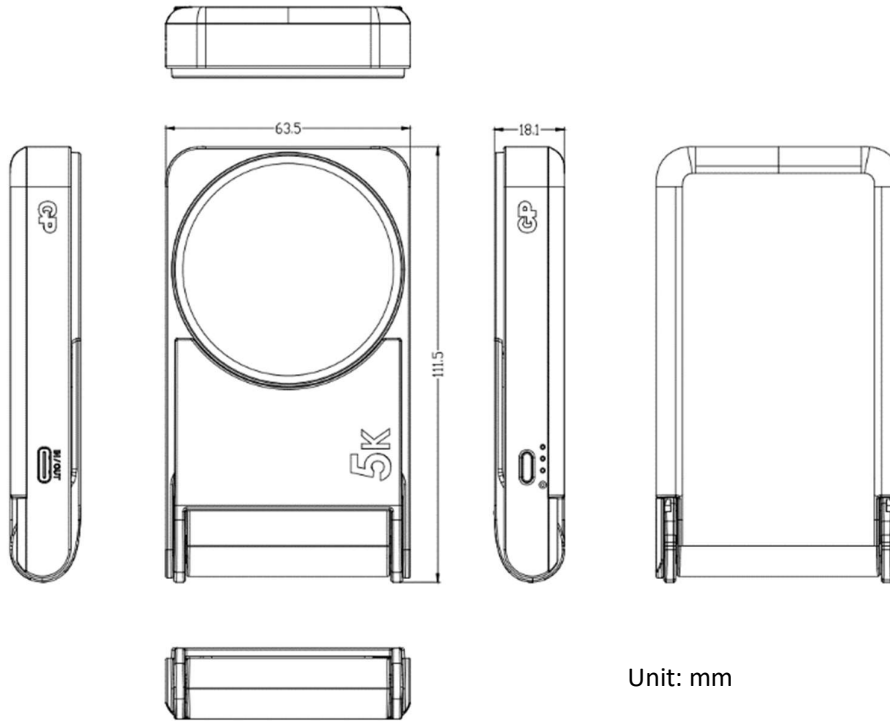
Member  
Gold Peak Group

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

# GP Batteries

## Product Specification

Model no.: Q05B



Unit: mm

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Product Name	: GP Portable Wireless PowerBank Q05B
Description	: Back up power for USB powered/ wireless Qi charging electronic devices (e.g. iPhone, smartphones, tablets., etc)
Battery Rating	: Lithium Polymer 3.7V 5,000mAh 18.5Wh
Input	: [USB-C PD] DC 5V/2.6A, 9V/2.0A, 12V/1.5A (18.0W Max.)
Output	: [USB-C PD] DC 5V/2.4A, 9V/2.22A, 12V/1.67A (20.0W Max.) [Wireless] 5.0W, 7.5W, 10.0W, 15.0W max. [USB-C + Wireless] 5V/1.0A + 10W max. Support pass through charging
Application	: Charge USB powered/ wireless Qi charging electronic devices
Recharging Time	: About 2.25 hours by 12V/1.5A via USB-C port
Operation Temperature	: 0°C to 35°C



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## Product Specification

Model no.: Q05B

- 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

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

Table 1

Charging & Discharging Condition	LED Indicator (3 Green)	LED Indicator (1 Blue)
Charging	Last LED flashing	Off
Fully charged during charging	All LEDs On	Off
Discharging	Refer to battery status (Table 2)	On when in wireless Discharging

**Press button to show battery status :**

Table 2

Battery Strength	LED indicator (3 Green)
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



**For Wireless Charging to mobile device**

Condition	LED Indicator (Blue)	Remarks
Charging/Fully Charged the mobile device	On	
Abnormal Object Detection	Flashing	Wireless output cutoff
Other Condition	Off	

Dimensions : 111.5 (L) x 63.5 (W) x 18.1 (H) mm

Weight : 148 g (approximate)

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

Warranty Period : 12 months from ex-factory date

