



Gopod Group Ltd.

Product Design Requirements

S/N

NP-20160330

Revision

1.0

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GP07A

User's Manual (Version: 1.0)



The statement

Thank you very much for you choose our products! Before using this product, please read the manual instruction carefully. This manual all of the information subject to change without notice, the company shall have the right at any time, to change information, without prior notice.



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1. Product introduction:

1.1. Product model: P07A

1.2. Function description: P07A mobile wireless charger, the product has a built-in 890mAH polymer battery for charging Apple Watch. The product has a MicroUSB interface, which can be connected to an ordinary charger to charge the Apple Watch and charge the battery at the same time.

. The product has 4 power indicator lights, which can indicate the current power and charging status. It is the best travel partner of APPLE WATCH.

1.3 Product schematic diagram:



Interface and component function description:

SN	Interface	Description	Remark
01	Buckle	Easy to carry	
02	Original Apple Watch Wireless charging module	Original Apple Watch wireless charging module	
03	Switch button	Control the working status of the product, click to turn on, long press to turn off	
04	Battery indicator LED	Indicate the battery power and charging status, divided into 25%, 50%, 75%, 100% 4 levels, when charging, according to the level of charge to the flashing prompt.	
Remarks			



2. Specifications

- 2.1 Standby power consumption < 0.1W
- 2.2 Input voltage $5 \pm 0.25V$
- 2.3 Output voltage $5 \pm 0.25V$
- 2.4 Maximum input current < 1A
- 2.5 Maximum output current < 400MA
- 2.6 The ultimate conversion efficiency of the board end 83%
- 2.7 Ripple voltage at the output terminal < 20mV
- 2.8 Product size 54.8*54.8*16.9mm
- 2.9 Product weight 53g

3. Electrical protection requirements

3.1 Short circuit protection

When the output is short-circuited, the input power of the product will be reduced and will not be damaged. When the short-circuit condition is removed, the product will not be damaged.

3.2 Input overvoltage protection

When the input voltage far exceeds the rated voltage value of the product, the product is protected without damaging the equipment.

3.3 Battery protection

When the battery is overcharged, overdischarged, reversed or short-circuited, the battery will not be damaged and the product will not be damaged.

3.4 Unprotect

When the product is in a protected state due to improper use, recharge the product to release the protection.

4. Working environment

- 4.1 Operating temperature: $0^{\circ}C \sim 40^{\circ}C$ ($32^{\circ}F \sim 104^{\circ}F$)
- 4.2 Storage temperature: $-25^{\circ}C - 45^{\circ}C$ ($-13^{\circ}F - 113^{\circ}F$)
- 4.3 Relative humidity: Non-condensing state $0\% \sim 90\%$

5. Function instructions

5.1 External power charging

Use a charger with a rated output voltage of 5V and an output current greater than or equal to 1000mA to charge the battery of the product through the Micro 5P cable. At this time, the battery indicator of the product will flash to indicate the charge status (25%, 50%, 75%, 100%) 4 When charging, the flashing prompt will be based on the battery level to which it is



charged.) At the same time, you can put the APPLE WATCH above the product module, and the watch will be charged while the battery is charged by the external power supply.

5.2 Charging the built-in battery

When you need to use the built-in battery to charge the APPLE WATCH, you only need to click the power-on button. At this time, the battery indicator will flash and display according to the current battery level (25%, 50%, 75%, 100%). 4 gears, one light represents one gear, at this time, you only need to put the APPLE WATCH above the charging module, and the charging will proceed automatically. (The battery in the saturated state can provide more than 1.5 times of charging for the APPLE WATCH 1st generation).

6 . Product considerations

6.1 Please do not let any of the objects (such as fuel, needle) or any liquid (water, beverage) fell and infiltrate into product, leading the product can't not normal use.

6.2 Do not place and use the product in

1) Moisture.2) Dusty places. 3) rusty objects.

6.3 Please keep the product in plastic bag when it's a long time not use it. Prevent dust and oxidation resulted socket in poor contact.

- Do not repair the product and replace parts yourself, please return the faulty back to your supplier (Unless there are special instructions in this manual approach)

FCC STATEMENT :

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

Warning: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This



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equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

Reorient or relocate the receiving antenna.

Increase the separation between the equipment and receiver.

Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult the dealer or an experienced radio/TV technician for help.

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.