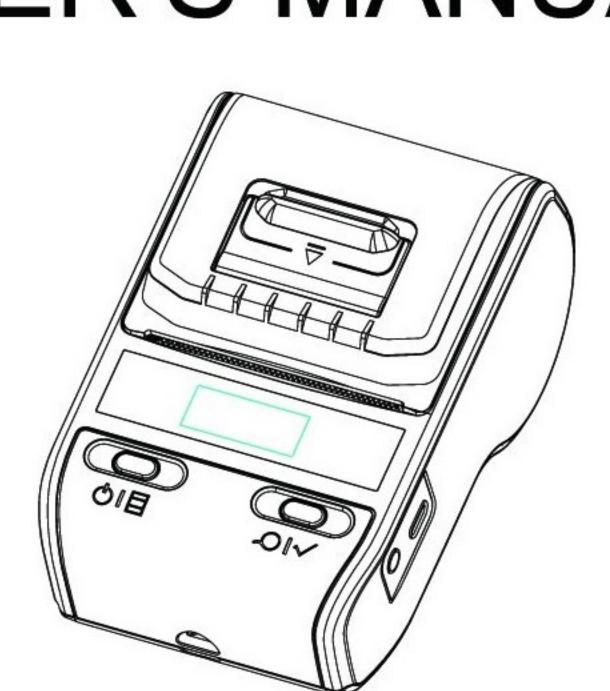
USER'S MANUAL



Please read the manual before use and saved for later reference

FCC Warning: 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 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: o Reorient or relocate the receiving antenna.

o Increase the separation between the equipment and receiver. o Connect the equipment into an outlet on a circuit different from that to which the receiver is connected. o Consult the dealer or an experienced radio/TV technician for help.

manufacturer could void your authority to operate this equipment. 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

Caution: Any changes or modifications to this device not explicitly approved by

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

may cause undesired operation.

PUGU

Shanghai PuQu Marking Equipment Co., Ltd. www.puqulabel.com

PREFACE

About the User Manual

Thank you for purchasing our Q20 series of portable thermal label printer This manual can helps you to learn how to use this product

Icons and conventions

Please read the manual before use and keep it safety

This manual uses the following icons and conventions

★ Warning! This icon indicates a warning that improper use may result in property damage, causing serious injury or death. Attention! This icon indicates that improper use may result in personal

injury or death or damage. Remark! This icon indicates that the notes allows you to use the product better or extend the service life of the product.

The illustrations and texts used in this manual may differ from actual ones

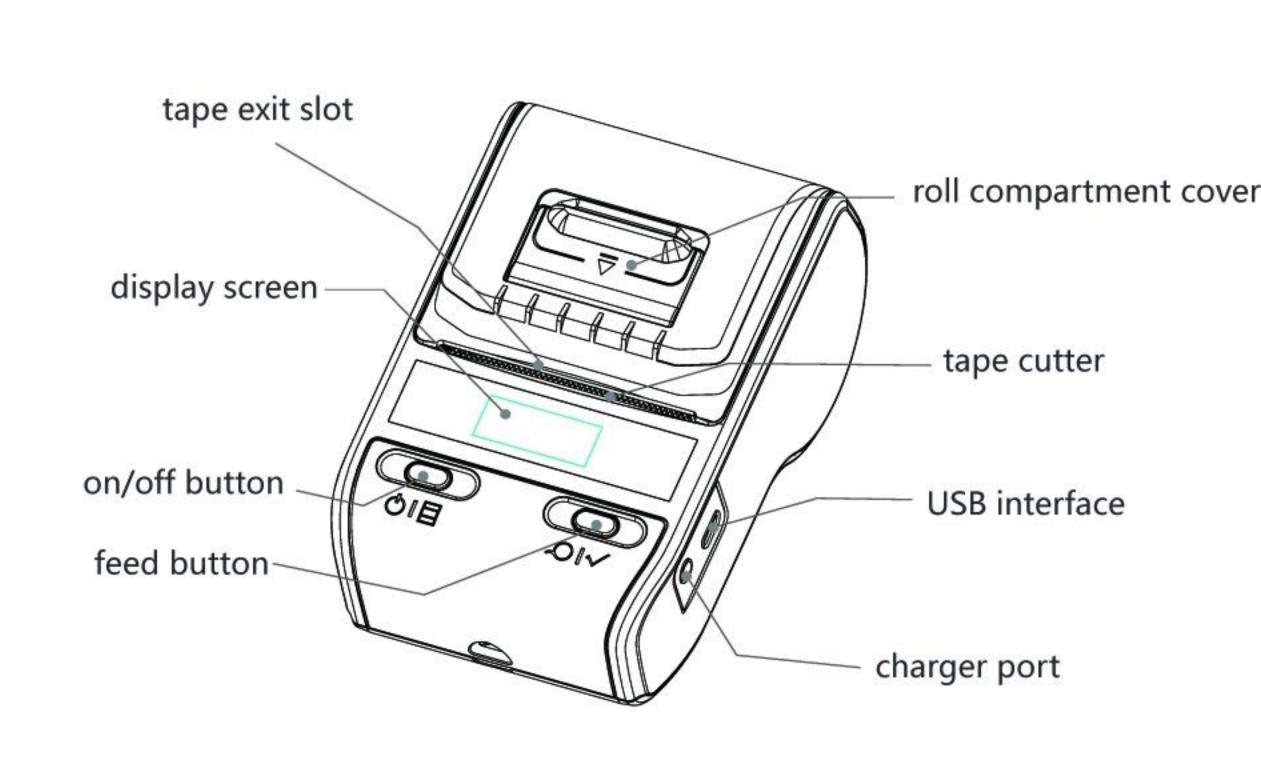
Q20 "portable label printer" mentioned later

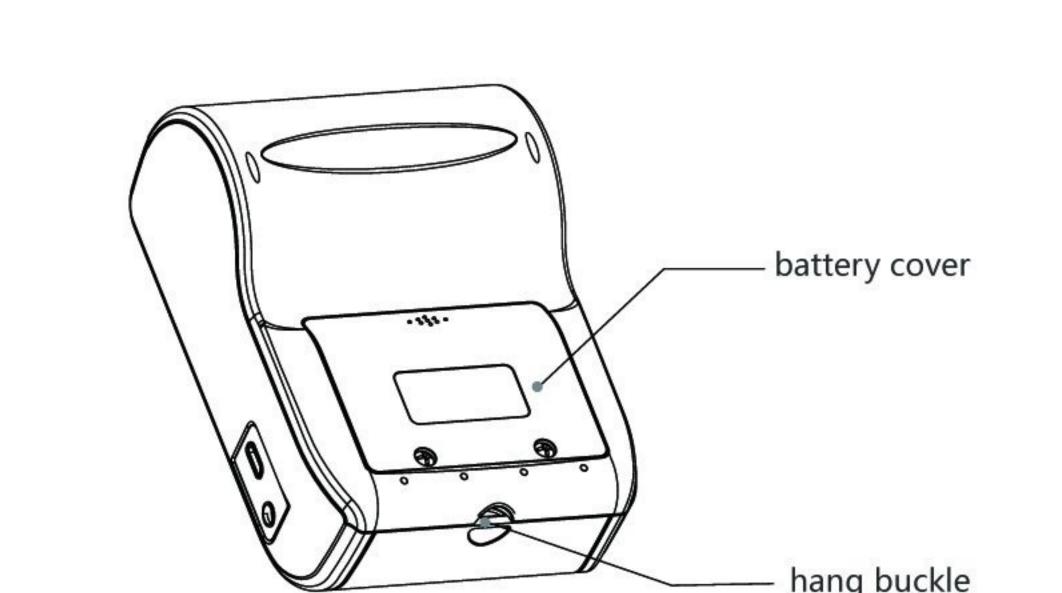
in this manual is collectively referred to as "printer"

Notices

- PUQU improve and upgrade the functionality and performance of our products; the company reserves the right to change the software and hardware described in this manual without prior notice.
- We would like to thank you if you find any errors or omissions in this manual, and please send feedback to our company or distributor.
- The contents of this manual related to our product may not be reproduced, transmitted, transcribed, stored in this retrieval system; or translated into other languages without the prior permission of our company.

2.Name of parts





SAFETY INSTRUCTION

Attention! Do not disassembly the printer yourself, please read this manual carefully before use.

Please follow the precaution when you using the printer

- Warning! Turn off the power immediately when a problem occurs. please unplug the charger and remove the battery when you notice that the printer
- or charger is smoky or smells. Warning! Please do not use your phone near fuel stations, fuel storages,
- Attention! The head of printer still in a high temperature state when printing finished, please do not touch in order to avoid scald.
- Attention! Please use the original printing labels. otherwise it may leads to poor
- quality of printing. Attention! Please remove the battery from the printer if you store the item for a long time. otherwise, it may causes the battery to lose efficacy or even leak.
- Attention! Please make sure that the power of printer is turned off before replacing

please follow the precaution when you using the battery

Attention! Please read this manual before using battery

and other flammables.

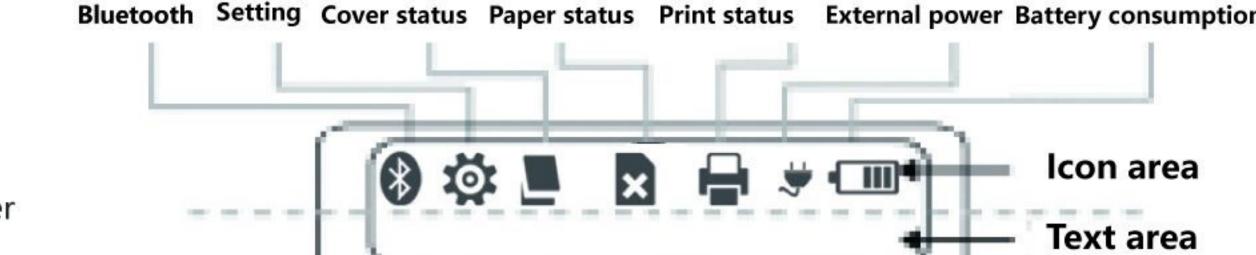
the battery.

- Warning! Please remove the charger to a cool and ventilated room when charging. Charging ambient temperature is too high, can cause the battery fever, smoke, burning
- protection circuit and device.

- or deformation even explosion.

Warning! please do not disassembly the battery, the battery has a special internal

3.Display instructions



3.1 Bluetooth

Screen displays icon if Bluetooth is paired with printer, the icon flashes when there is data transfer.

3.2 Setting *

Details relate with setting please check chapter 6, if the printer connected with computer via USB, the icon displays USB connection Ψ at this position.

3.3 Cover status 🗈

3.4 Paper status 🗵

This icon is used to indicate cover status such as closed or not properly closed.

3.5 Print status 🖴

or not properly loading.

This icon is used to indicate paper status such as loading

This icon is used to indicate print/feed status such as printing or feeding.

3.6 External power This icon is used to indicate the external power plug in or not.

3.7 battery consumption —

This icon is used to indicate battery consumption

3.8 Text area

This area displays the relevant text message.

Power key: options switch

Power key: options switch

Power key: options switch

Power key: options switch

Feed key: auto power off

Power key: options switch

Power key: options switch

Feed key: Language

Feed key: motor mode

Feed key: paper GAP option

Paper Gap Type

Feed key: speed option

Attention! Please change the battery when the battery cannot meet the performance

- Warning! Please do not put the battery into the water, or cause the battery over heat smoke, deformation, damage and even explosion.
- Warning! Warning! please do not expose the battery to sunlight.

Warning! Please do not pressurize the battery or cause a short circuit.

- Attention! Please remove the battery to a place of safety in case the children cannot
- touch with.
- **Attention!** Please stop using immediately if you find the battery discoloration or deformation.

Please follow the precaution when you using the charger

Attention! Please read this manual before using charger

- Warning! Please do not disassemble or modify the charger, or will lead to electric shock fire and damage.
- Warning! Please do not touch the charger with wet hands, if the charger touch with water or other ligythe power immediately.
- Warning! Please do not short-circuit the charger, mechanically vibrate or shake the charger.

Warning! Please do not use the charger in a high humidity area such as bathroom.

- Warning! Please do not pull the power cord when you pull out the plug.
- Attention! Please remove the charger to a place of safety in case the children cannot touch

1.Accessories

Q20 label printer

remove the battery and turn off the printer immediately, and let the printer to dry naturally.

label adjusting board

1. To clean the outside of the printer and paper compartment,

quality reduced, please follow the method as below

please scrub the surface and internal of paper compartment gently

by using wet cloth. (note: wet cloth must be completely wringed)

2. Printer engine must be cleaned regularly, especially if printer's printing

USB data cable

4. If you do not use the printer for long time, please remove the battery separately.

3. If you found that the water inflow into the internal of the printer, please

Repair and maintenance

Daily maintenance of the printer

4.Parameter

4.1 Printer parameters

Printer parameters		
Print method	thermal printing	
Output mode	black and white	
Print resolution	203 dpi	
Dot each row	384 dot/line	
Print speed	10-35mm/s	
Stand-by time	about 100 days	
Locate mode	reflecting	
Print command	LPAPI、ESC/POS command	
Print content	Character, picture/curve(JPG,BMP,YIF,JPEG)	
Barcode print	one-dimensional barcode two-dimensional barcode	
Connection mode	USB、Bluetooth(Android,iOS)	

	Physics
Weight	255g (include battery, not include paper)
Size	122mm*82mm*60mm
Operating temperature	-10℃~50℃

Serial No.

Software version

Restore to factory settings

	Battery parameters
category	Li-polymer battery
voltage	7.4V
electric power	1500mAh

	Charger parameters	
input	AC 100-240V 50/60Hz 0.35A	
output	DC 12V/1A	
Charge mode	charging connect with printer	

	Paper parameters
category	thermal paper roll
form	external rolling
specification	57mm*50mm(width*diameter)
thickness	0.05mm~0.15mm

5.Operation

5.1 Turn on the printer

Press and hold the on/off button for about 1.5 seconds, and the printer turns on; or through the NFC-enabled phone close to the printer NFC area to achieve automatic boot and matching connection.

5.2 Turn off the printer Press and hold on the on/off button for about 1.5 seconds while the printer is operating, and the printer turns off.

5.3 Paper feed Label paper: press the feed button shortly to go to a sheet of label paper, press the feed button longly to go to continuous paper.

Continuous paper: press the feed button to feed

the label paper, release the feed button to stop feeding the label paper.

5.4 Auto power-off The printer will turn off automatically when the printer is waiting

1. Using sweep two-dimensional code to download

2. Apple Store search "puqu print" and download

3. Download from "PUQU website" www.puqulabel.com

for a certain period of time 5.5 self-checking page printing

8.APP download

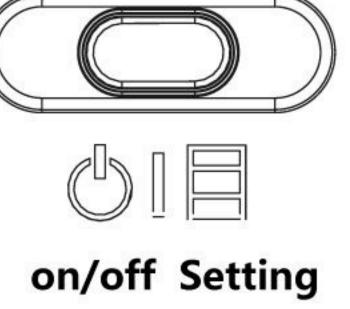
LED light version: Turn off the printer, press and hold the power button and feed button at the same time; then loosen the power button and keep the feed button pressing, self-checking page printing in 2 seconds. OLED screen version: choose self-checking page printing at setting interface.

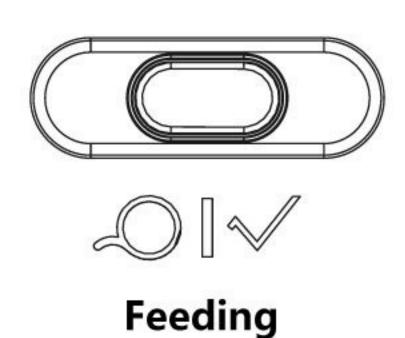
6. Q20 Setup

6.1 Setup instructions

The icon *appears at the upper left corner of display screen and it represents that the printer has entered the setup state.









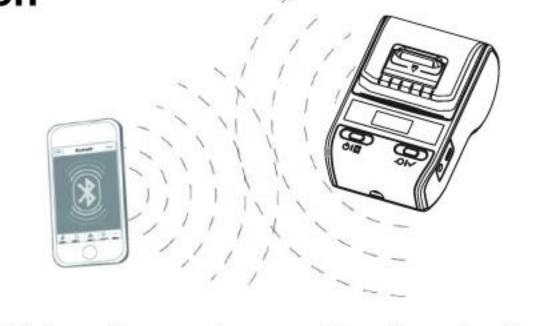
- Power key: press power key shortly to enter the setup interface
- Setting status is automatically exited after 5 seconds with no-operation; or press power key longly at setting status to exit the setting state.

6.2 Content setting

Power key: options switch darkness option (Normal) 6 Feed key: darkness option

9.Matching method

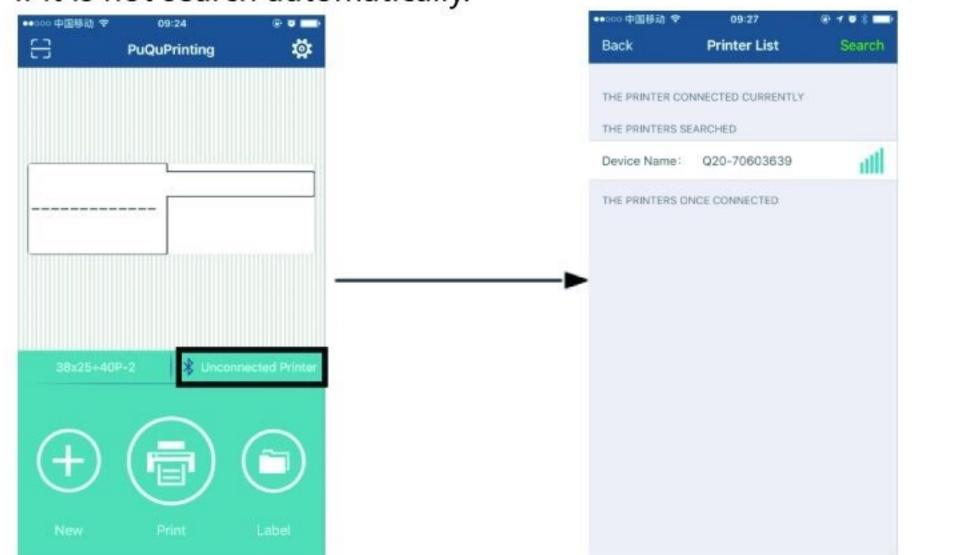
Q20 series printer provides Bluetooth



device and connect with mobile phone directly.

9.2Bluetooth connectivity

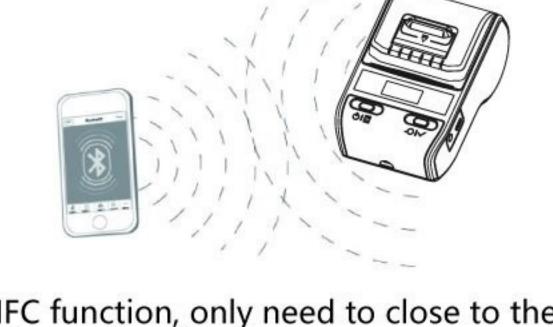
Turn on Bluetooth of mobile phone and launch "PUQU" app. click on the green icon at the upper right corner if it is not search automatically.



The password of printer is "0000" if pairing manual in the setting system interface.

9.1Wireless communication

(Android, iOS) to connect with mobile phone.



If mobile phone equipped with NFC function, only need to close to the printer

Click on the icon as the picture showed and search automatically.



Feed key: press feed key to switch the corresponding option,

press feed key longly to restore the current option as default.

Enter into setting interface

10.Basic operation

iOS system Please enter text content

Content size changing (click on + zoom in &- zoom out)



Content rotating Select the content status - property - rotation angle Save Click on "save as" icon after



Label obtain PUQU APP- click on "Label template" - "Local" Darkness and speed changing

Property-print parameters **Label printing** Click the icon on the

right corner if you want

to print.

11.Plane label printing

Power key: options switch

Power key: options switch

Power key: options switch

Power key: options switch

Feed key: restore to factory

(Normal) 3

(GAP)

(Black)

(Continuous)

(Max power)

(Economical)

5 mins / 10 mins /

 $120~\mathrm{mins}~/240~\mathrm{mins}$

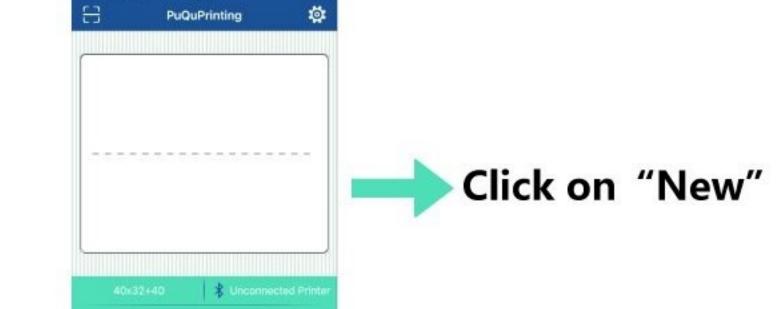
Auto power off 30 mins /60 mins /

Language: English/中文

MAC address

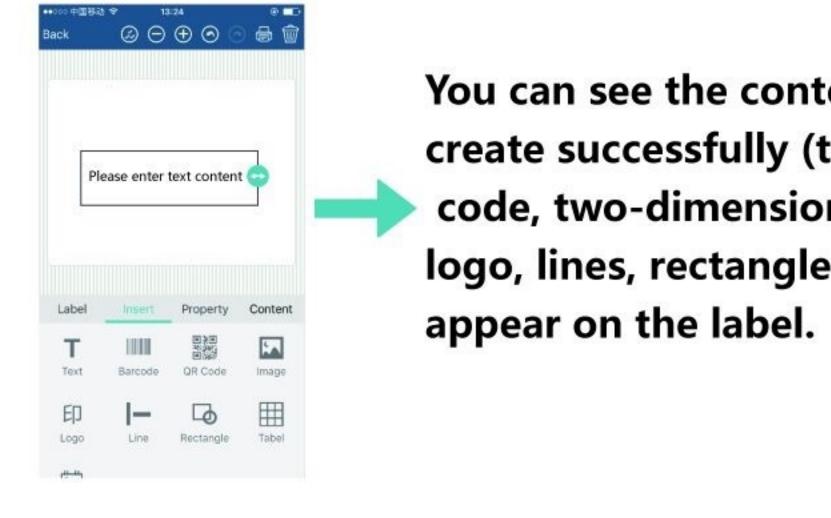
Motor Mode

Motor Mode





Please enter the height and width of the label you purchased, general print direction select as "0"; paper GAP select as "GAP" and click on "New" in the end; you also can change the name of label as your require.

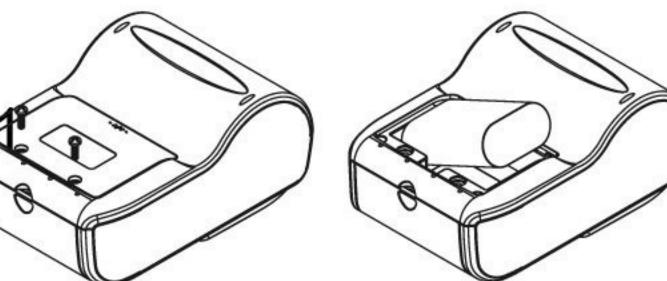


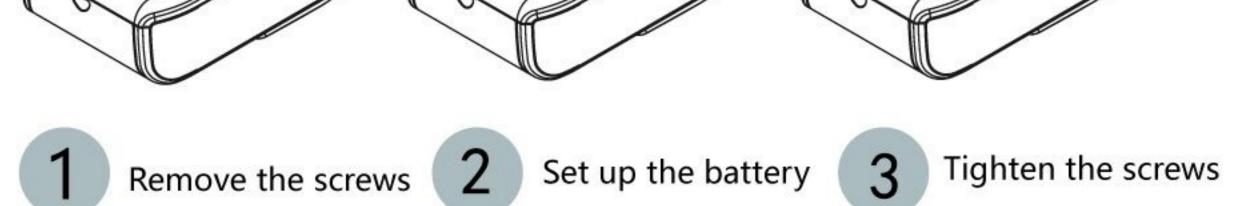
You can see the content that just create successfully (text, one-dimensional code, two-dimensional code, pictures logo, lines, rectangles, tables) click to

Battery installation and precautions

7.Preparation

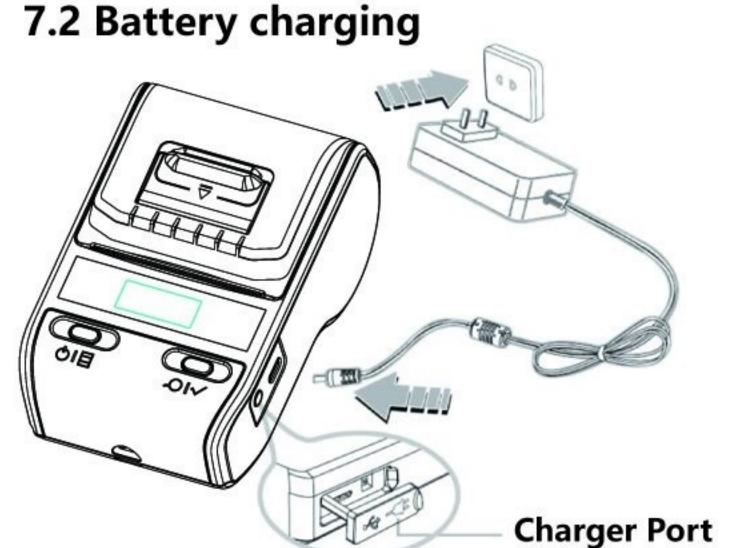
7.1 Battery installation and precautions







Remark! It needs to be full of electricity when using for the first time



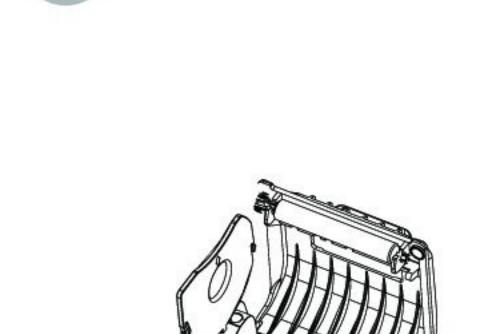
Warning! using a charger that is not provided or approved by our company it may damage the printer.

Attention! do not remove the battery during charging. Remark! it can be printed during charging.

Open roll compartment cover

7.3 Paper roll installation

The maximum diameter of Q20 printer is 50mm, and width is 28-57mm Remark!: paper is placed on the right side

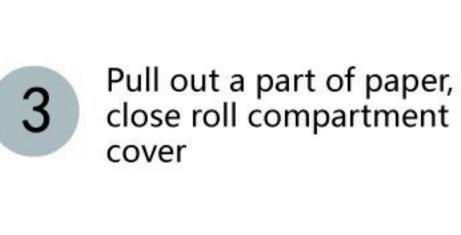


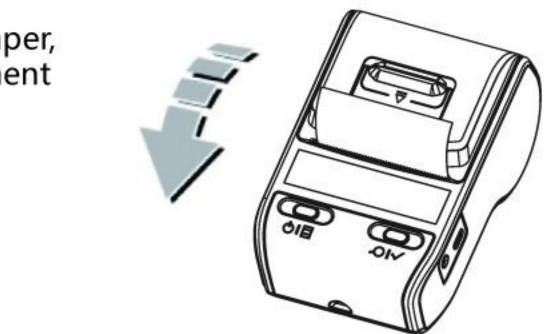
Remove the baffle plate on the left side as shown in the figure, place the paper roll on the right side tightly and select

the appropriate slot hole to insert the

↑ Turn up

Open the handle





Remark! Be sure to pull the paper out of the paper compartment ,pay attention to the direction of the paper roll, if it is reversed, it will not print.

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