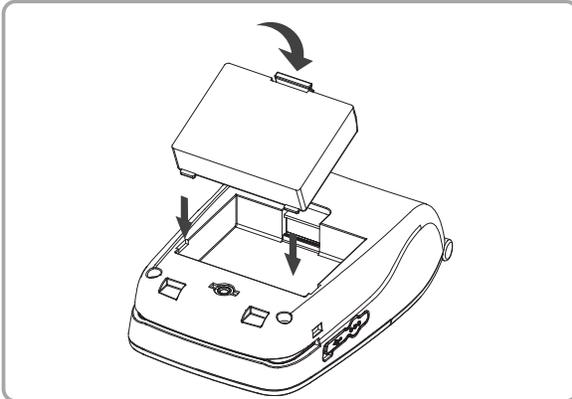


3. Installation & Usage

3-1 Battery Installation



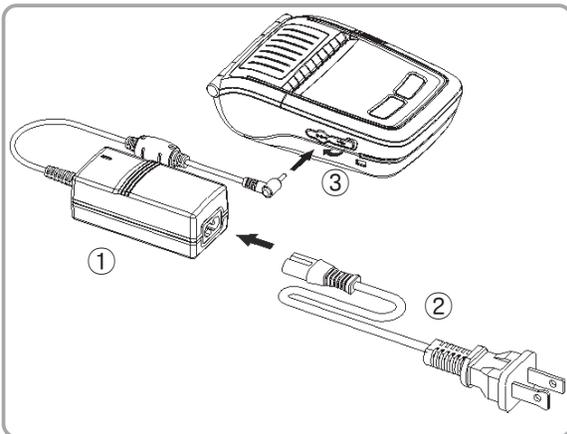
1. Insert the battery in the bottom of the printer, and ensure that you align the battery hook properly.
2. Push the battery into the slot until you hear it snap in place.

 **NOTE**

Since the battery is partially charged at the time of purchase, charge the battery prior to product use. (Use the AC adaptor or the optional Single battery charger/Quad battery charger.)

3-2 Battery Charging

3-2-1 Battery Charging Usage



1. Turn off the printer power.
2. Connect the power cord ① to the AC adaptor ②.
3. Open the Interface Cap ③.
4. Connect the AC adaptor ② to the power connector of the printer.
5. Plug the power cord into an electrical outlet ①.

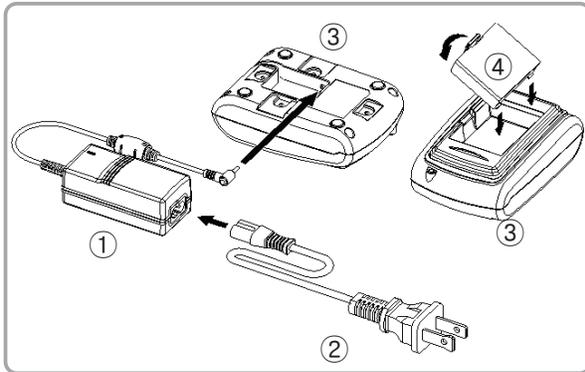
 **CAUTION**

The printer may incur serious damage if the AC adaptor provided by Zebra is not used. Zebra is not legally liable for any such damages. (The voltage and electrical current specifications of the printer and AC adaptor must match.)

 **WARNING**

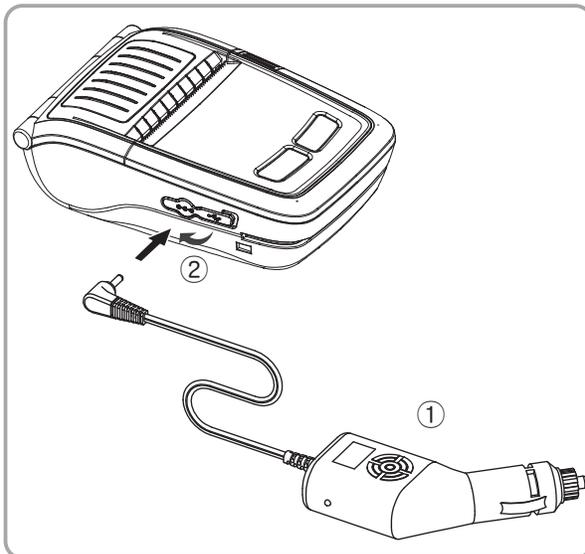
Turn off the power before charging the battery for the printer.

3-2-2 Single battery charger (Optional) Usage



1. Connect the power cord ① to the AC adaptor ②.
2. Connect the AC adaptor ② to the power connector (on the bottom) of the single battery charger ③.
3. Plug the power cord ① into an electrical outlet.
4. Insert the battery ④ into the single battery charger ③ until it snaps in place.

3-2-3 Cigarette lighter adaptor (Optional) Usage



1. Turn off the printer power.
2. Connect the Cigarette lighter adaptor ① to your car's cigarette lighter jack.
3. Open the external interface cap ②.
4. Connect the Cigarette lighter adaptor ① to the power connector.

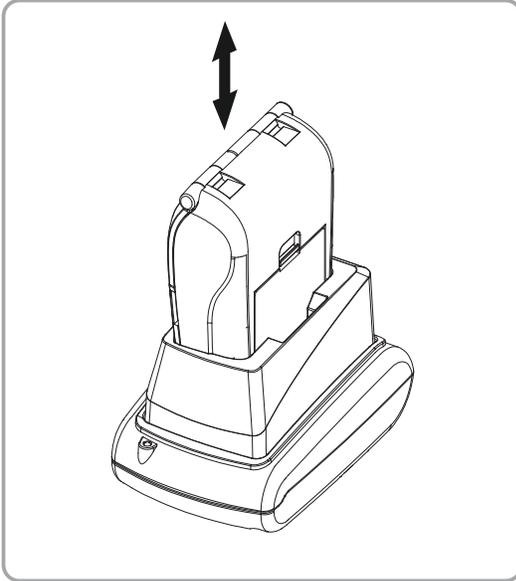
⚠ CAUTION

The printer may be seriously damaged if a cigarette lighter adaptor not provided by Zebra is used. Zebra is not liable for such damage.

⚠ WARNING

Turn off the power before charging the battery for the printer.

3-2-4 Single Docking Cradle (Optional) Usage



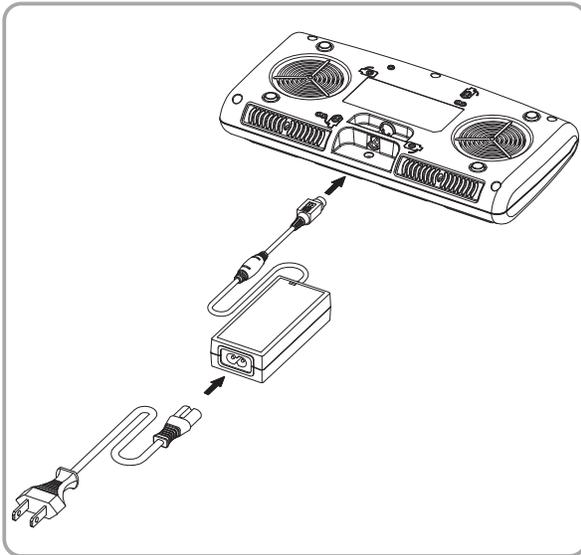
1. Turn off the printer.
2. Slide the printer into the single docking cradle as shown.
3. Push the printer in until you hear a click.
4. Charging will begin when the printer is installed.
5. Pull out the printer to remove it.

⚠ CAUTION

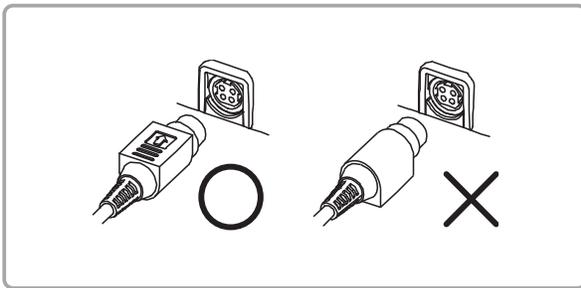
Please be sure to use the battery with Outer contacts.

3-2-5 Quad Battery Charger / Quad Docking Cradle (Optional) Usage

3-2-5-1 Connecting the cables

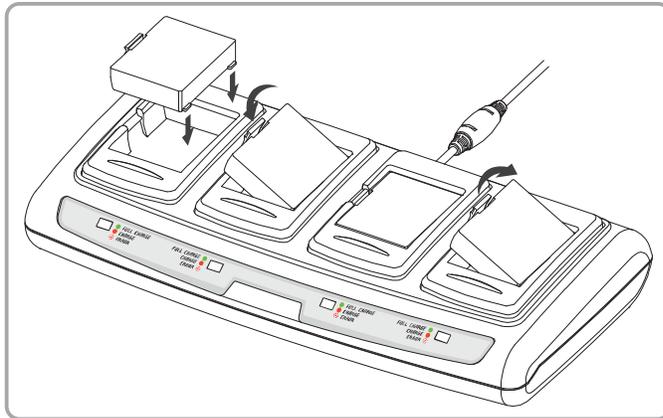


1. Connect the power cord to the adaptor, and connect the adaptor to the power connector on the bottom of the Quad Battery Charger/Quad Docking Cradle.
2. Plug the power cord into a power outlet. Input power is 100-240VAC, 50/60Hz, 1.0A.
3. When the power is on, the amber, green, and red LEDs are lit for three seconds.

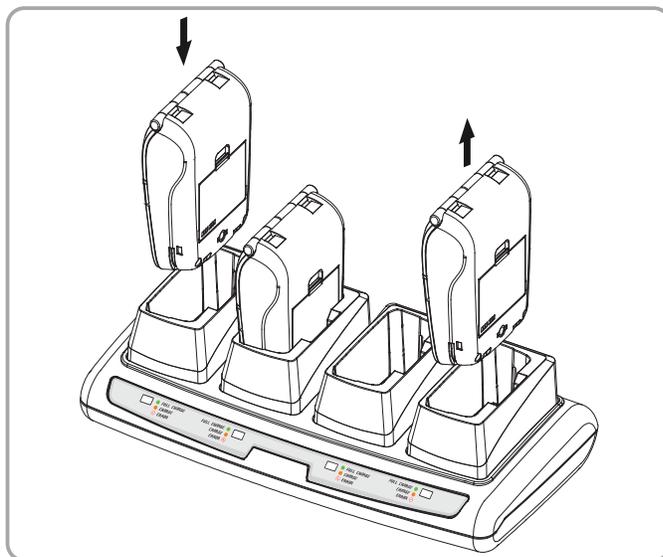


⚠ WARNING
Use only the designated AC/DC adaptor.
(12VDC, 3A)

3-2-5-2 Charging Battery (Printer)



1. Using the battery hooks, insert the batteries into the Quad Battery Charger as shown.
2. Push the battery in until you hear a snap.
3. Charging begins as soon as the battery is completely inserted. Batteries are charged to 8.4VDC, 0.8A.
4. Lift the hook and pull up to remove the battery.



1. Turn off the printer.
2. Slide the printer into the Quad Docking Cradle as shown.
3. Push in the printer until you hear a click.
4. Charging will begin once the printer is installed.
5. When charging is complete, pull out the printer to remove it.

CAUTION
Please be sure to use the battery with Outer contacts.

NOTE

Battery charging status descriptions are as follows:

LED	Charge Status	Charge Time
Amber LED On	Charging	2.5 hours
Green LED On	Fully Charged	
Red LED Blinking	Error Replace or Reinstall Battery	

CAUTION

1. If the red LED on the charger blinks, reinstall the battery.
2. If the red LED continues to blink despite several attempts (4-5 times) to install the battery, contact your local dealer.
3. The charging time may vary depending on the type of the charger and the ambient temperature.

■ Battery Safety Precautions

Make sure you review the user manual carefully prior to product use.

To avoid risks of battery overheating, combustion, and explosion damage and/or decline in performance and product life, handle batteries carefully and comply with the guidelines below.

Danger

1. Do not allow liquids to enter or leak into the battery compartment.
2. Do not use or leave the battery in a location exposed to high temperatures.
3. When charging the battery, use the exclusive charger or follow the charging requirements outlined by Zebra.
4. The battery has clearly delineated positive and negative poles. When inserting the battery into the charger and/or product, ensure that the battery is properly aligned.
5. Do not heat the battery or place it in a fire.
6. Do not allow the battery's positive (+) and negative (-) poles to contact any metals. In addition, do not carry or store the battery with metal items.
7. Do not subject the battery to strong shock.
8. Do not pierce the battery with a sharp object, or hit it with a heavy object. Avoid accidental short circuiting of any battery. Allowing battery terminals to contact conductive material will create a short circuit may cause burns and other injuries or could start a fire.
9. Do not solder the battery.
10. Do not disassemble and/or modify the battery.
11. Do not charge near a source of heat or in direct sunlight.
12. Do not expose the battery to high temperatures over 60°C , and do not use or store it in a hot or humid place.
13. Do not use the battery if it is damaged or if the exterior is deformed in any way.

 Warning

1. Do not place the battery within the reach of small children to prevent swallowing. If a child swallows the battery, consult a physician immediately.
2. Do not place the battery in a microwave oven and/or high voltage appliance.
3. Do not combine and use any battery of different capacity and/or type with the primary battery
4. If during battery usage, storage, or charging, a strange odor or conditions differing from normal operations, such as condensation, color changes, warping, and so forth, are detected, remove the battery from the product or charger and discontinue use.
5. If the battery is not charged after the recommended charging time, discontinue charging.
6. If the battery is leaking electrolytic solution and the solution enters the eyes, immediately rinse the eye with clean water, and consult a physician. Neglecting to do so may cause permanent eye injuries.

⚠ Caution

1. Do not use or leave the battery in a location exposed to high temperatures or intense direct sunlight.
2. Do not use the battery in a location that is prone to static electricity (above the recommended levels in the manufacturer's product warranty).
3. The temperature ranges for battery usage are as follows. Any usage outside of these ranges may result in the battery overheating, damage, and performance and product life may be reduced.
 - a. Charging: 0 ~ 40°C
 - b. Product Usage: -20 ~ 60°C
 - c. Storage: -20 ~ 60°C (30 days)
 - d. Long-Term Storage: -20 ~ 40°C (90 days)
4. Please review the ZQ110 Quad Battery Charger Installation Guide carefully for charging instructions.
5. If, upon first use, a strange odor, overheating, and/or anything deemed out of the ordinary is detected, discontinue use and contact an authorized Zebra Technologies service provider.
6. Store the battery in a location that is out of the reach of small children. During usage, make sure to place the charger and/or product out of the reach of small children.
7. If the battery is leaking and the solution comes into contact with the skin or clothing, immediately rinse the affected area with clean water.
8. Carefully review the user manual and precautions prior to use.
9. When replacing the battery in the printer, use a battery equivalent to the one originally installed by the manufacturer. Dispose of used batteries per the instructions provided by the manufacturer.

 Recommended

1. Review the user manual for instructions regarding insertion and removal of the battery from the printer.
2. The battery ships partially charged. You must charge the battery fully before using the printer for the first time. To charge the battery, use the exclusive charger provided with your printer.
3. To avoid improper use of the battery, review the product user manual carefully.
4. Do not charge the battery beyond the normal charging time indicated in the user manual.
5. If you do not plan to use the battery for an extended period of time, remove the battery from the printer and store in a low humidity location. If you opt to store the printer with the battery installed, avoid high humidity locations. High humidity may cause oxidation and a decline in printer performance.
6. Ensure that you turn off the printer after usage (at the end of a work shift). Neglecting to do so may cause a decline in printer performance.
7. A battery that has not been used over a long period of time may not be sufficiently charged. If you opt to store the battery for future use, ensure that you charge the battery to the status recommended by the manufacturer every six months. Neglecting to do so can cause a decline in battery performance and product life.
8. If the battery terminal is dirty, use a dry cloth to clean prior to use. Neglecting to do so may cause power stoppages or difficulty in charging the printer.
9. Each battery has a product life. If the usage time of the product has become short, replace the battery. Wrap the terminals of used batteries with tape to insulate prior to disposal.