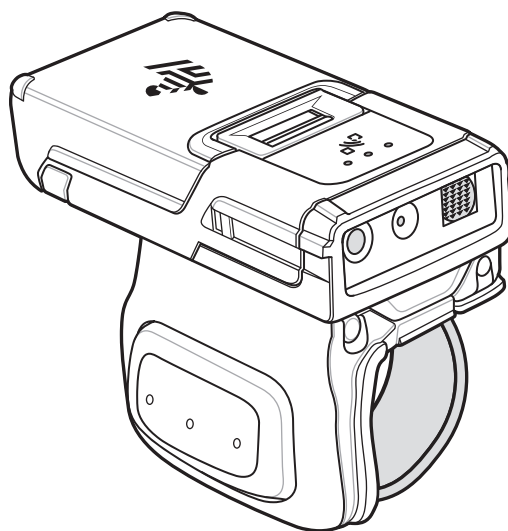


RS5100

Ring Scanner



Quick Start Guide



ZEBRA

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Service Information

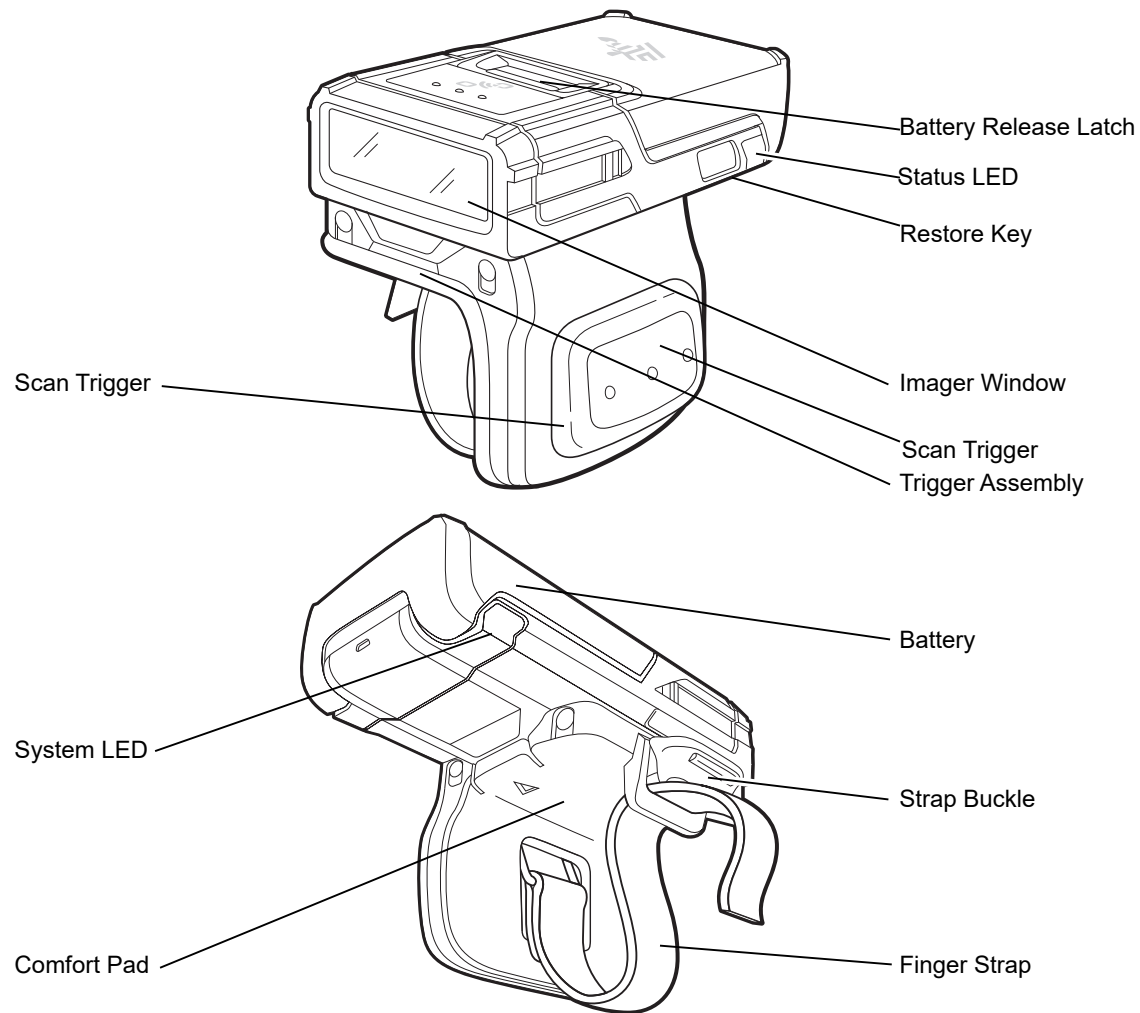
Before you use the unit, it must be configured to operate in your facility’s network and run your applications.

If you have a problem using your equipment, contact your facility’s Technical or Systems Support. If there is a problem with the equipment, they will contact the Zebra Global Customer Support at www.zebra.com/support.

For the latest version of this guide go to: www.zebra.com/support.

Features

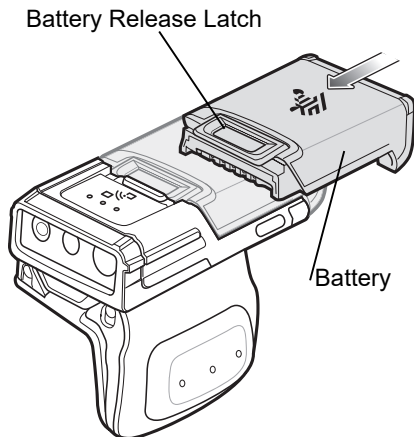
Figure 1 RS5100 Single Trigger Configuration Features



Installing the Battery

1. Align the battery on top of the RS5100 and insert into the battery compartment.
2. Slide the battery all the way into the locking slot of the RS5100.
3. Firmly press the battery into the RS5100 until a click is heard ensuring the battery release latch is fully engaged with the RS5100.

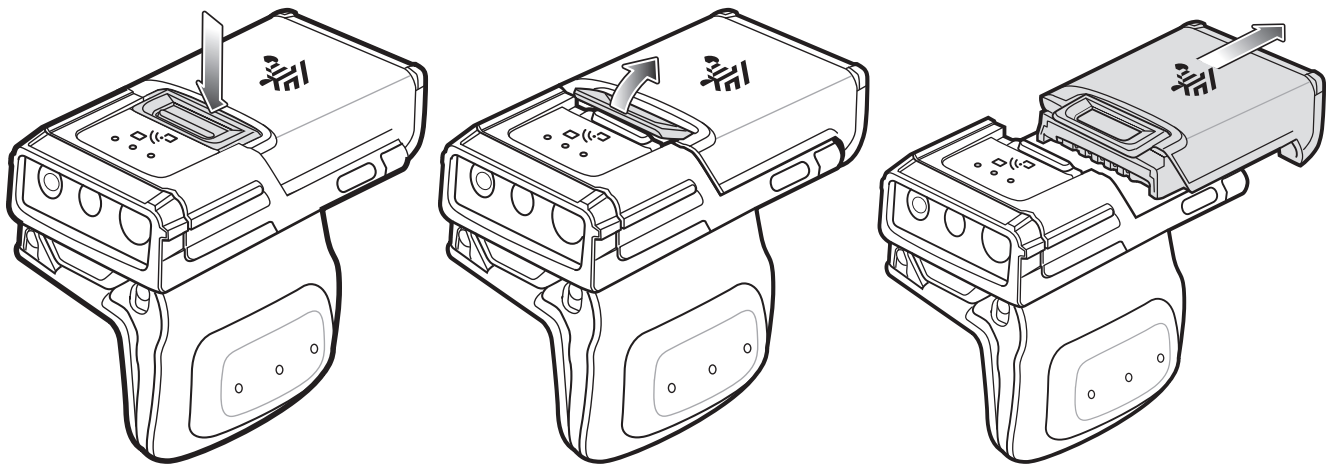
Figure 2 Install the Battery



Removing the Battery

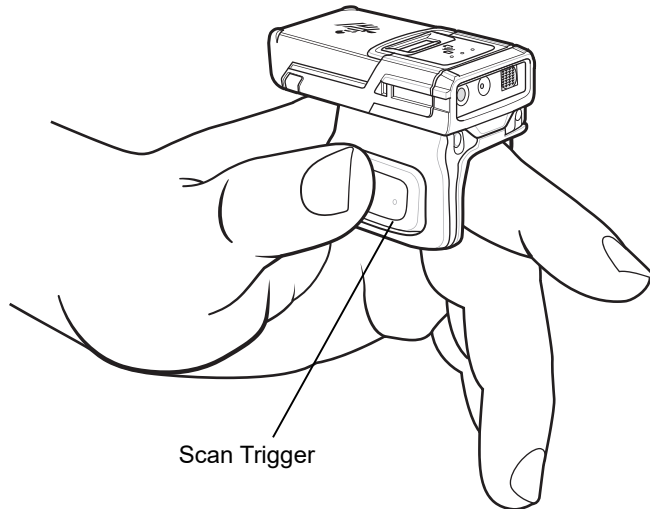
1. Push the battery release latch down until the latch pops up.
2. Slide the battery out of the battery compartment.

Figure 3 Remove the Battery

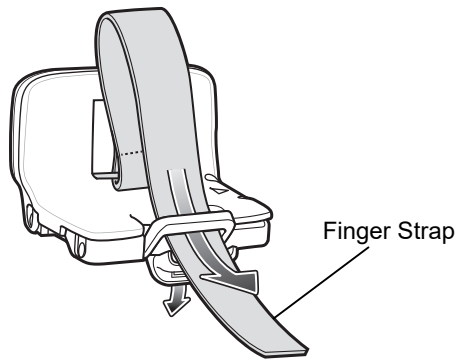


Wear the Imager


1. Slide the Imager onto the index finger with the Scan Trigger next to the thumb.



2. Tighten the Finger Strap.



Bluetooth Connection

 **NOTE:** The connection methods below apply only to Zebra Mobile Computers. For more information, refer to the RS5100 Product Reference Guide.

NFC Tap-to-Pair

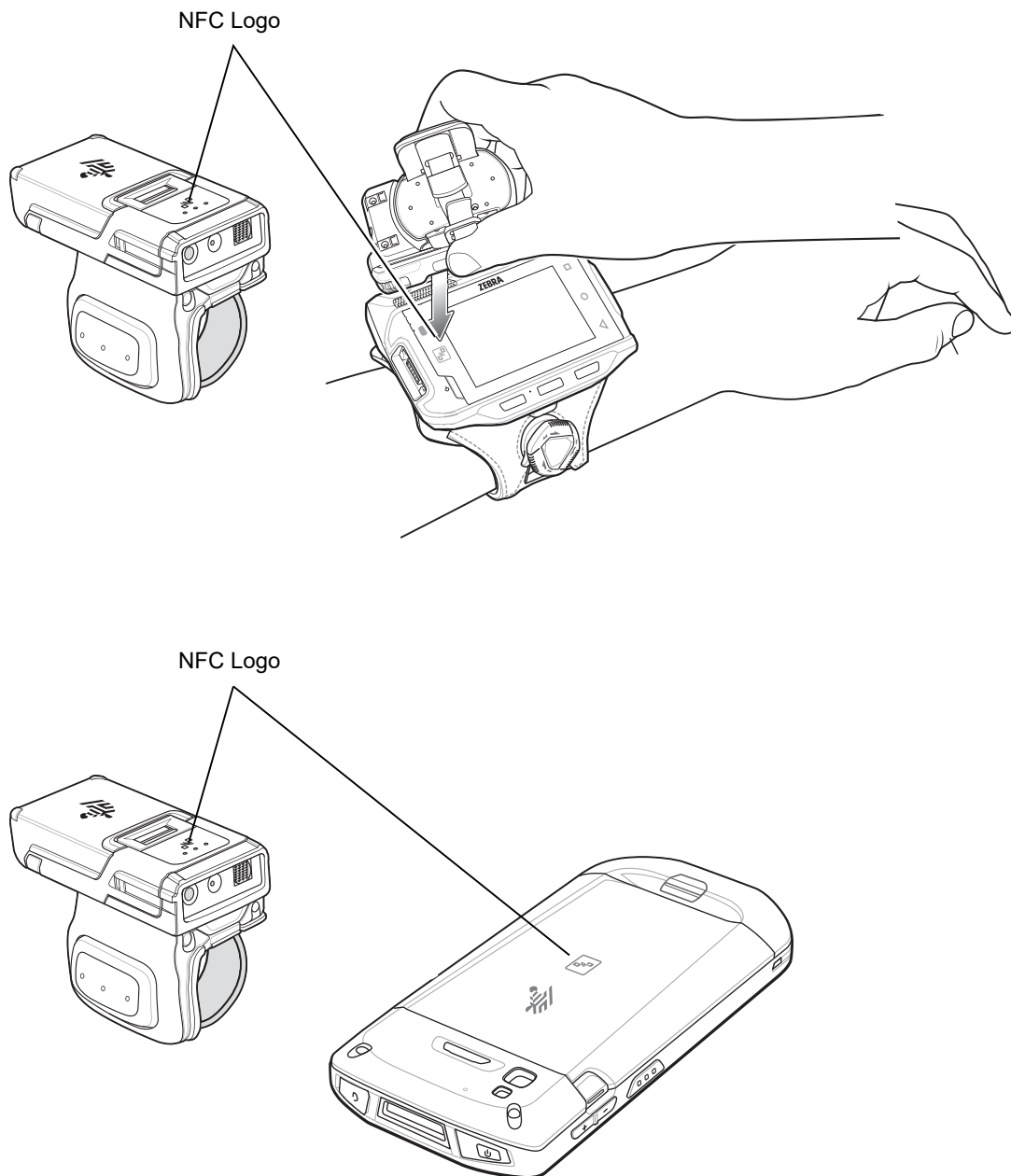
The RS5100 is NFC enabled and supports Bluetooth Tap-to-Pair.

To connect with a device, such as the WT6000 or TC52:

1. Check that NFC is enabled on the device.
2. Align the NFC icon on the RS5100 with the NFC icon on the device.

The Status LED blinks blue indicating that the RS5100 is attempting to establish connection with the device. When a connection is established, the Status LED turns off and the RS5100 emits a single string of low/high beeps.

Figure 4 Touch NFC Antennas



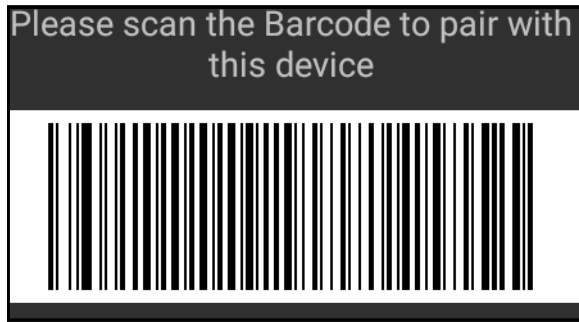
NOTE: Not all Zebra devices support NFC readers and the Tap-to-Pair feature.

Scan2Pair

To pair the RS5100 with a device, such as the WT6000 or TC52 using SSI:

1. On the device, touch  > . The Bluetooth Pairing Utility opens.

Figure 5 Bluetooth Pairing Utility



2. Using the RS5100, scan the barcode on the screen.

The Status LED blinks blue indicating that the RS5100 is attempting to establish a connection with the device. When a connection is established, the Status LED turns off and the RS5100 emits a single string of low/high beeps.

The device indicates a successful pairing attempt with a toast notification (audio and visual). When the Bluetooth connection is established, pop-up notifications appear on the device's screen.

3. On the device, touch  to return to the main screen.

Scanning

The RS5100 is compatible with two scanners, SE4710 and SE4770. For information on enabling scanning, refer to the RS5100 Product Reference Guide.

Scanning with SE4710

To scan a barcode:

1. Launch a scanning application.
2. Press the Scan key and aim the device at a barcode.
3. Adjust the position of the device so that the Red aiming dot appears at the center of the barcode.
Ensure the barcode is within the area formed by the aiming pattern. The aiming dot is used for increased visibility in bright lighting conditions.
4. Press the Scan key.
The Status LED illuminates red. Upon successful decode, the Status LED changes from red to green and an audible beep sounds.



NOTE: When the device is in Picklist Mode, the imager does not decode the barcode until the crosshair or aiming dot touches the barcode.

5. Release the Scan key.
The barcode data displays on the screen.

Scanning with SE4770

To scan a barcode:

1. Launch a scanning application.

2. Position the RS5100 approximately 22.8 cm (9 inches) from a barcode and press the Scan Trigger. Position the cross hair laser beam to cover the barcode. The RS5100 takes a digital picture (image) of the barcode and stores it in memory for decoding.
3. The Scan LED flashes green and a high beep sounds indicating that the barcode was properly decoded.



NOTE: In some configurations proper decoding of a barcode is indicated by the software application running on the mobile computer.

Charging



NOTE: Ensure that you follow the guidelines for battery safety described in the RS5100 Product Reference Guide.

Use the one of the accessories in the following table to charge the RS5100 and/or spare battery.

Table 1 Charging and Communication

Description	Part Number	Charging		Communication	
		Battery (In Device)	Battery Only	microUSB to USB	Ethernet
4-Slot RS5100 Charge Only Cradle	CRD-RS51-4SCHG-01	Yes	No	No	No
8-Slot Battery Charger	SAC-RS51-8SCHG-01	No	Yes	No	No

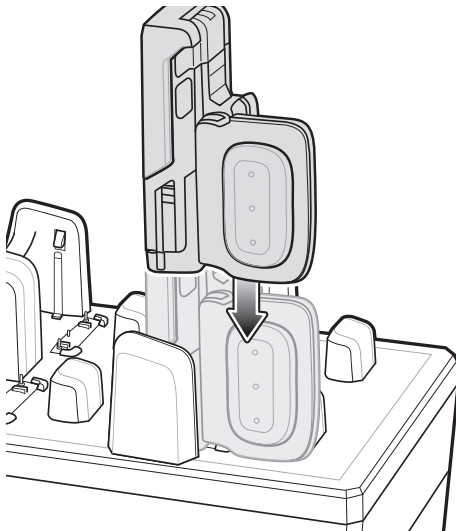
Refer to the RS5100 User Guide, for detailed information on all charging accessories.

Charging the RS5100

To Charge the RS5100:

1. Insert the RS5100 into the RS5100 charging slot.

Figure 6 Insert RS5100 into Cradle

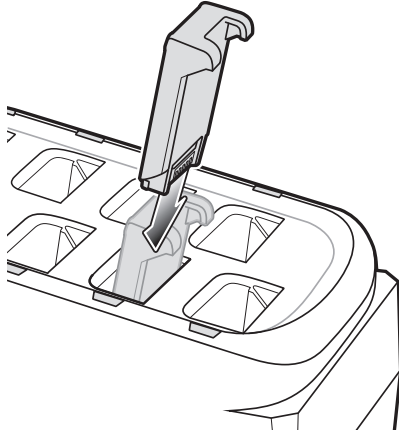


2. Ensure that the RS5100 is properly seated in the charging slot.

Charging the Spare Battery

1. Insert a spare battery into the spare battery slot.

Figure 7 Insert Battery into Cradle



2. Ensure the battery is seated properly. The Spare Battery Charging LED blinks indicating charging.

Battery Charging

The RS5100 Charging LED indicates the charging status of the battery in the RS5100 and the Spare Battery Charging LED indicates the charging status of the spare battery. See [Table 2 on page 9](#). The 3,350 mAh battery fully charges in less than four hours at room temperature.

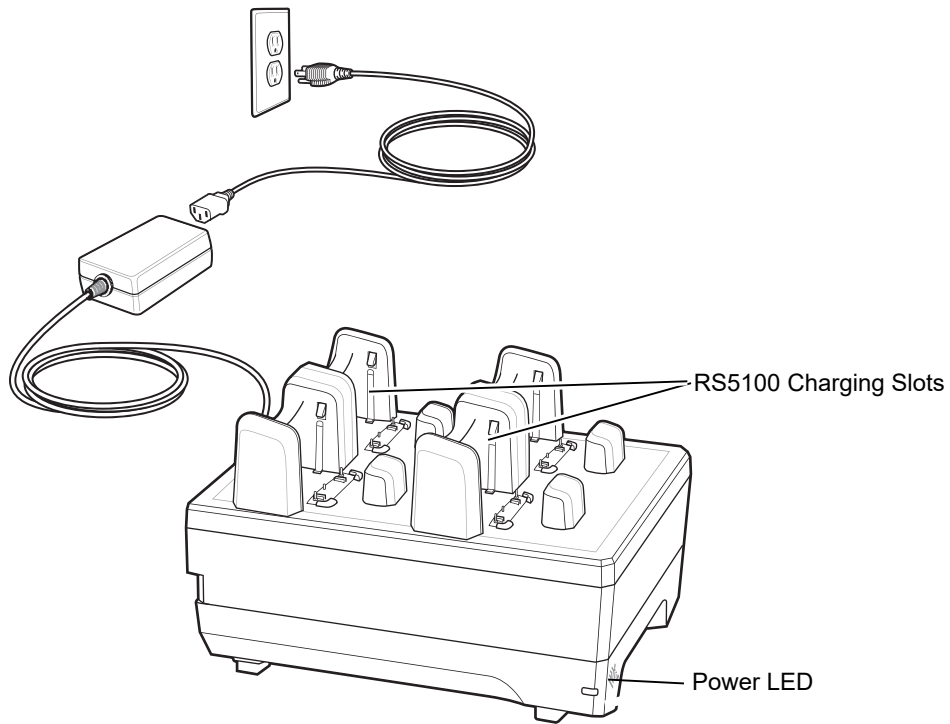
Table 2 Charging LED Indicators

State	Indication
Off	The battery is not charging. The battery is not inserted correctly in the cradle or connected to a power source. Cradle is not powered.
Solid Amber	Battery is charging.
Solid Green	Battery charging is complete.
Fast Blinking Red (2 blinks/second)	Charging error, e.g.: - Battery temperature is too low or too high for charging. - The battery has reached the charge cycle time-out period. Battery charging has gone on too long without completing a full charge cycle (typically eight hours).
Solid Red	Unhealthy battery is charging or fully charged.

Charge batteries in temperatures from 0 °C to 40 °C (32 °F to 104 °F). The device and cradle monitor the battery temperature. Battery charging is only performed when the battery is within safe charging temperature limits. At higher temperatures (e.g. approximately +35 °C (+95 °F)) the device or charging cradle may for small periods of time alternately enable and disable battery charging to keep the battery at acceptable temperatures. This process may require additional time to complete a full charge cycle. The cradle indicate when charging is disabled due to abnormal temperatures via the Status LED.

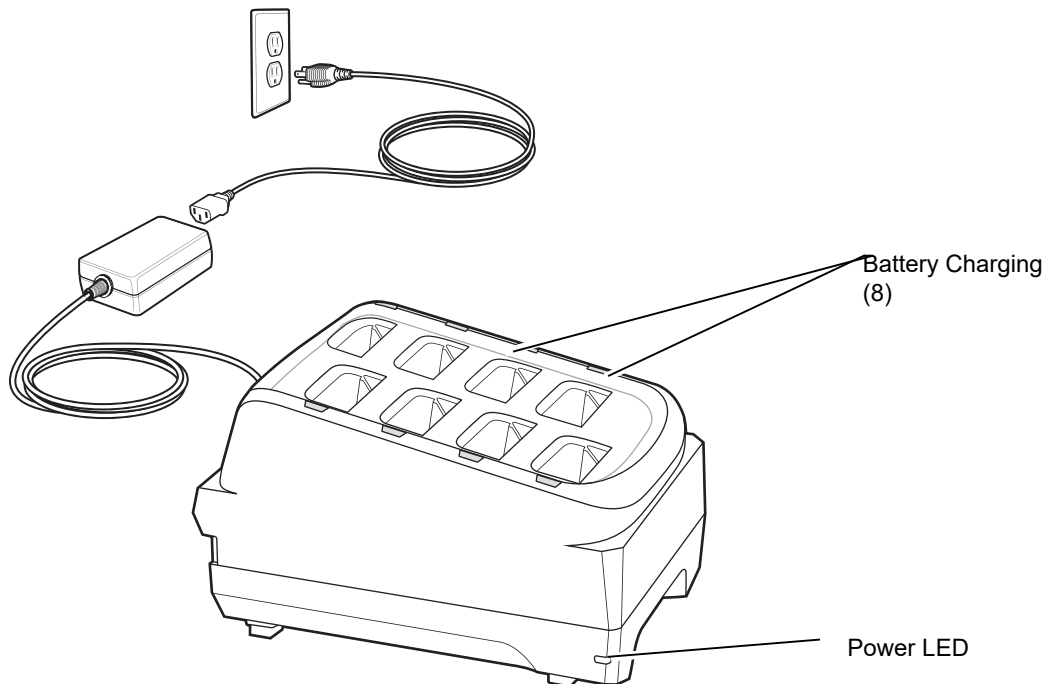
4-Slot RS5100 Charge Only Cradle

Figure 8 4-Slot RS5100 Charge Only Cradle



8-Slot Battery Charger

Figure 9 8-Slot Battery Charger



Ergonomics

CAUTION: In order to avoid or minimize the potential risk of ergonomic injury, follow the recommendations below. Consult with your local Health & Safety Manager to ensure that you are adhering to your company's safety programs to prevent employee injury.

- Reduce or eliminate repetitive motion
- Maintain a natural position
- Reduce or eliminate excessive force
- Keep objects that are used frequently within easy reach
- Perform tasks at correct heights
- Reduce or eliminate vibration
- Reduce or eliminate direct pressure
- Provide adequate clearance
- Provide a suitable working environment
- Improve work procedures.

