RS6000

Ring Scanner

Quick Start Guide

ZEBRA

Warranty

For the complete Zebra hardware product warranty statement, go to: http://www.zebra.com/warranty.

Service Information

If you have a problem using the 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 Center at: http://www.zebra.com/support.

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

Features

Asset Control Label

Restore Key

Scan Trigger

Status LED

Battery Hook

Imager Window

Trigger Swivel Assembly

Battery Release Latch

Beeper

System LED

Comfort Pad
Two (2) Pieces

Battery

Strap Buckle

Finger Strap
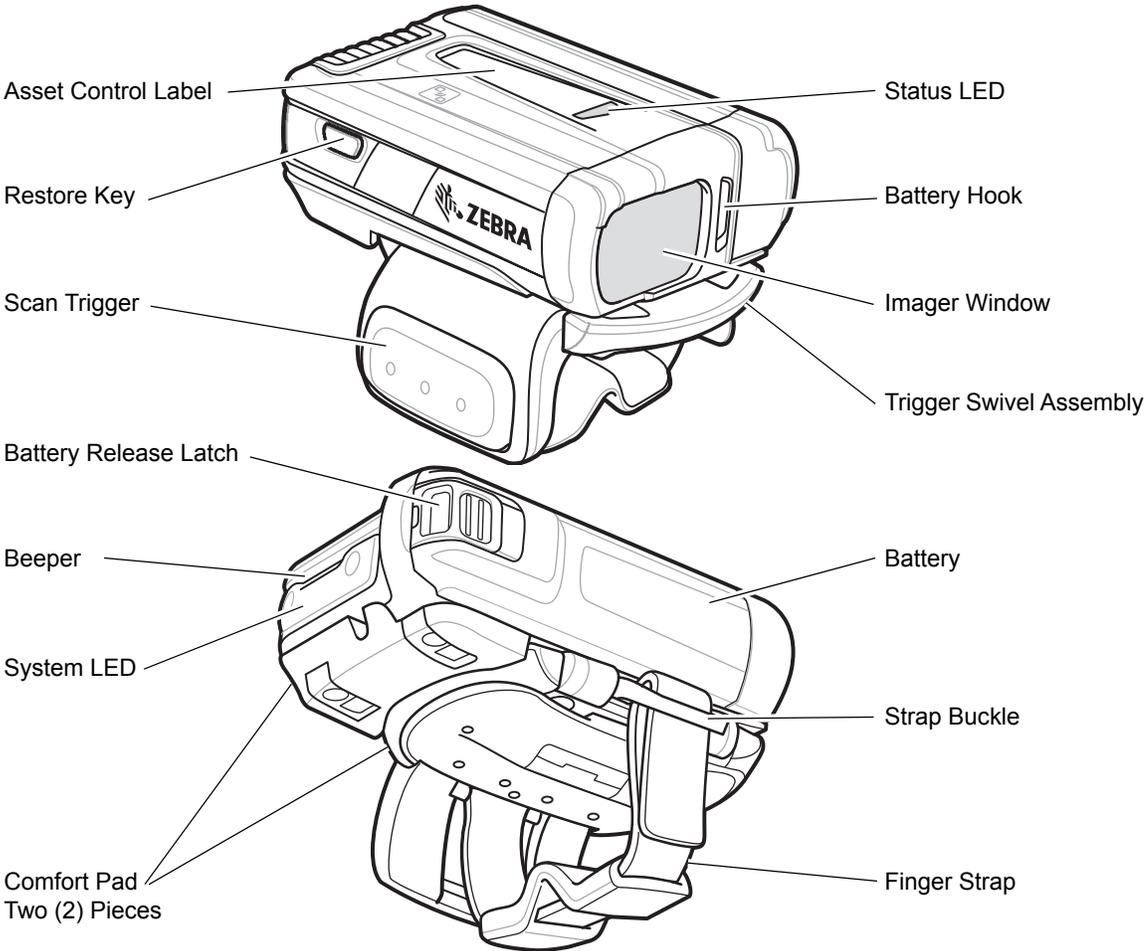
Figure 1-1   *RS6000 Triggered Configuration Features*

Beeper

System LED

Comfort Pad
Two (2) Pieces

Triggerless Strap Holder

Imager Window
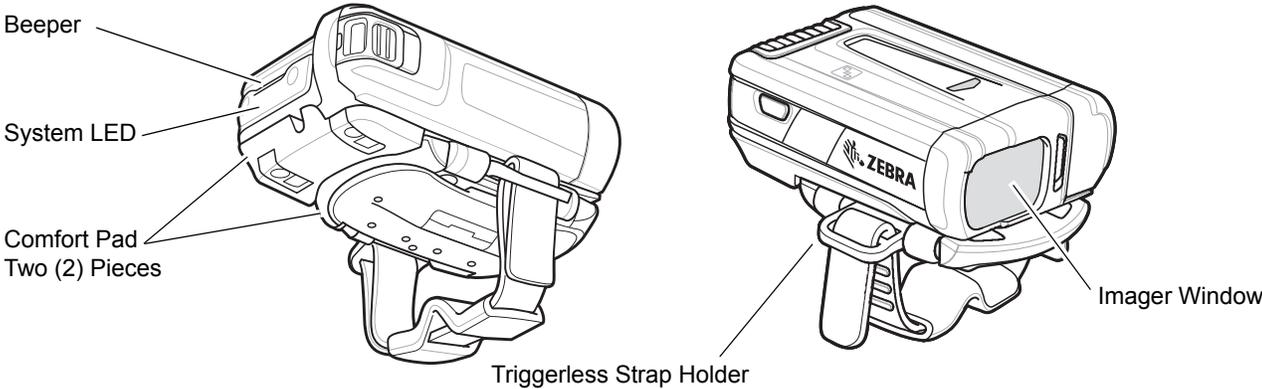
Figure 1-2   *RS6000 Triggerless Configuration Features*

Installing the Battery

1. Align the battery on top of the RS6000 and insert metal corner into the battery compartment.

2. Slide the battery all the way into the locking slot of the RS6000.

3. Firmly press the battery into the RS6000 until a click is heard ensuring the battery release latch is fully engaged with the RS6000.
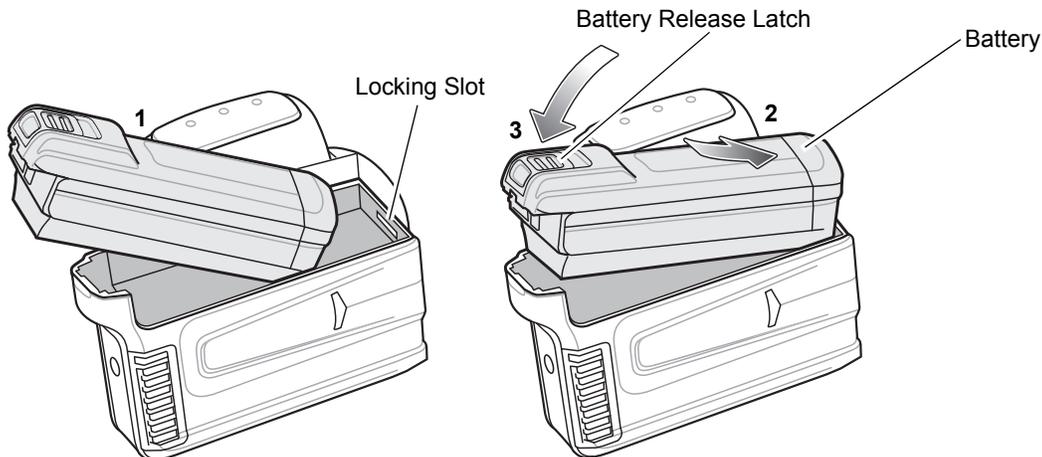
Figure 1-3 *Install the Battery*

Bluetooth Connection

NOTE The connection methods below apply only to Zebra Mobile Computers. For more information, refer to the RS6000 User Guide, p/n MN-002704-xx.

NFC Tap-to-Pair

The RS6000 is NFC enabled and supports Bluetooth Tap-to-Pair.

To connect with a WT6000:

1. Check that NFC is enabled on the WT6000.

2. Align the NFC icon of the RS6000 with the NFC icon on the WT6000.

    The Status LED blinks blue indicating that the RS6000 is attempting to establish connection with the WT6000. When connection is established, the Status LED turns off and the RS6000 emits a single string of low/high beeps.
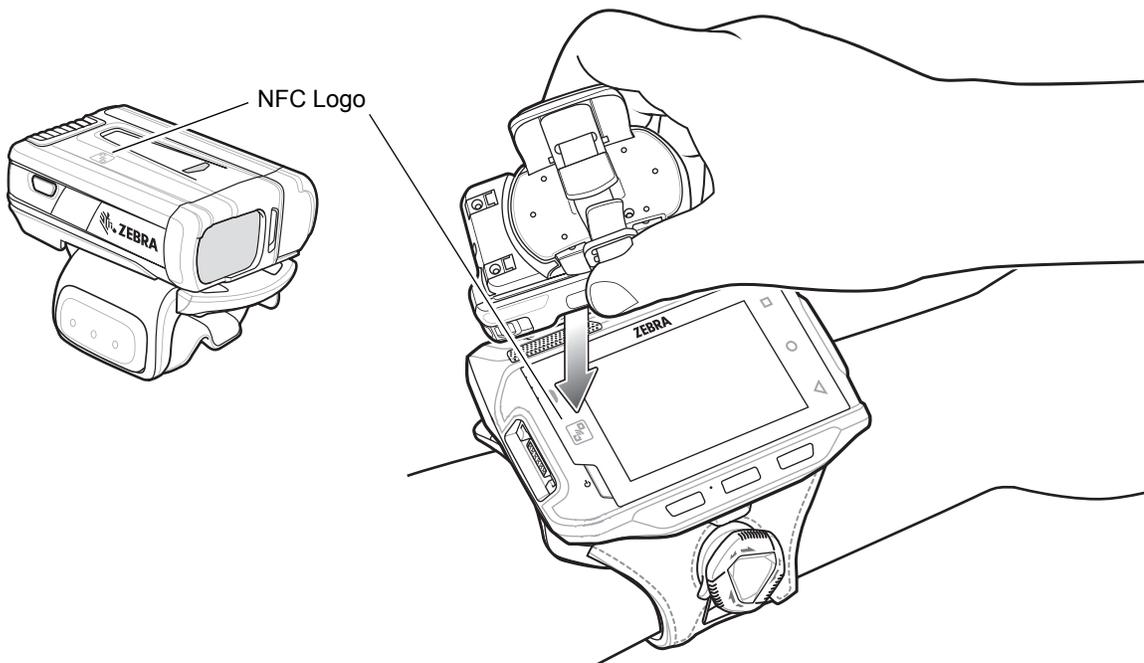
Figure 1-4   *Touch NFC Antennas*

✓ *NOTE* Not all Zebra device support NFC readers and the Tap-to-Pair feature.

Scan2Pair

To pair the RS6000 with the WT6000 using SSI:

1.   On the WT6000, touch ⊞ > 📶 . The Bluetooth Pairing Utility opens.

Figure 1-5   *Bluetooth Pairing Utility*

2.   Using the RS6000, scan the bar code on the screen.

The Status LED blinks blue indicating that the RS6000 is attempting to establish connection with the WT6000. When connection is established, the Status LED turns off and the RS6000 emits a single string of low/high beeps.

The WT6000 indicates a successful pairing attempt with a toast notification (audio and visual). When the Bluetooth connection is established, pop-up notifications appear on the WT6000 screen.

3.   On the WT6000, touch ◁ to return to the main screen.

Scanning

The RS6000 has two types of scanning, triggered and triggerless. For information on enabling triggered and triggerless scanning, refer to the *RS6000 User Guide*, p/n MN-002704-xx.

Triggered Scanning

1. Launch a scanning software application on the mobile computer.

2. Position the RS6000 approximately 22.8 cm (9 inches) from a bar code and press the Scan Trigger. Position the cross hair laser beam to cover the bar code. The RS6000 takes a digital picture (image) of the bar code and stores it in memory for decoding.

    The Scan LED flashes green and a high beep sounds indicating that the bar code was properly decoded.

    ✓ *NOTE*   In some configurations proper decoding of a bar code is indicated by the software application running on the mobile computer.

Triggerless Scanning

The RS6000 is provided with auto-triggering capability. In auto-triggering mode, both motion and proximity sensors are used to trigger the RS6000 when the user intends to scan a bar code.

With auto-triggering activated, the RS6000 automatically scans when motion stops and a bar code is placed within the detection field of the proximity sensor on the RS6000. The RS6000 scans the bar code and then switches to low power mode to conserve power.

To scan a bar code in auto-triggering mode:

1. Launch a scanning software application on the mobile computer.

2. Position the RS6000 approximately 22.8 cm (9 inches) from a bar code. Aim the cross hair laser beam to cover the bar code. The RS6000 takes a digital picture (image) of the bar code and stores it in memory for decoding.

    The Scan LED flashes green and a high beep sounds indicating that the bar code was properly decoded.

Charging

✓ *NOTE* Ensure that you follow the guidelines for battery safety described in the RS6000 User Guide.

Use the one of the accessories in the following table to charge the RS6000 and/or spare battery.

Table 1-1   *Charging and Communication*

Description	Part Number	Charging		Communication	
		Battery (In Device)	Battery Only	microUSB to USB	Ethernet
1-Slot RS6000 USB Charging Cradle	CRD-NGRS-1S1BU-01	Yes	Yes	Yes	No
2-Slot WT6000/RS6000 Charging Cradle	CRD-NWTRS-2SUCH-01	Yes	No	Yes	No
5-Slot RS6000 Charge Only Cradle	CRD-NGRS-5S5BC-01	Yes	Yes	No	No
5-Slot RS6000 Ethernet Cradle	CRD-NGRS-5S5BE-01	Yes	Yes	No	Yes
10-Slot WT6000/RS6000 Charge Only Cradle	CRD-NWTRS-10SCH-01	Yes	No	No	No
10-Slot RS6000 Charge Only Cradle	CRD-NGRS-5S5BC-01	Yes	No	No	No
4-Slot Battery Charger	SAC-NWTRS-4SCH-01	No	Yes	No	No
20-Slot Battery Charger	SAC-NWTRS-20SCH-01	No	Yes	No	No

Refer to the RS6000 User Guide, *p/n MN-002704-xx,* for detailed information on all charging accessories.

Charging the RS6000

To Charge the RS6000:

1.   Insert the RS6000 into the RS6000 charging slot.
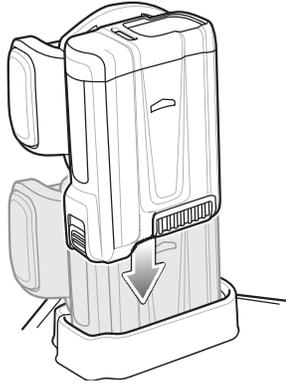
Figure 1-6   *Insert RS6000 into Cradle*

2.   Ensure that the RS6000 is properly seated in the charging slot.

Charging the Spare Battery

1.   Insert a spare battery into the spare battery slot.
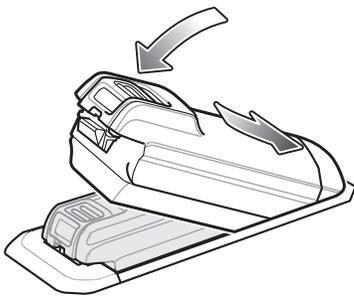
Figure 1-7   *Insert Battery into Cradle*

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

Battery Charging

The RS6000 Charging LED indicates the charging status of the battery in the RS6000 and the Spare Battery Charging LED indicates the charging status of the spare battery. See *Table 1-2 on page 1-9*. The 3,350 mAh battery fully charges in less than four hours at room temperature.

Table 1-2   *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 competing 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.

1-Slot RS6000 USB Charging Cradle

RS6000 Charging Slot

Spare Battery Slot

RS6000 Charging LED

Spare Battery Charging LED

Power LED
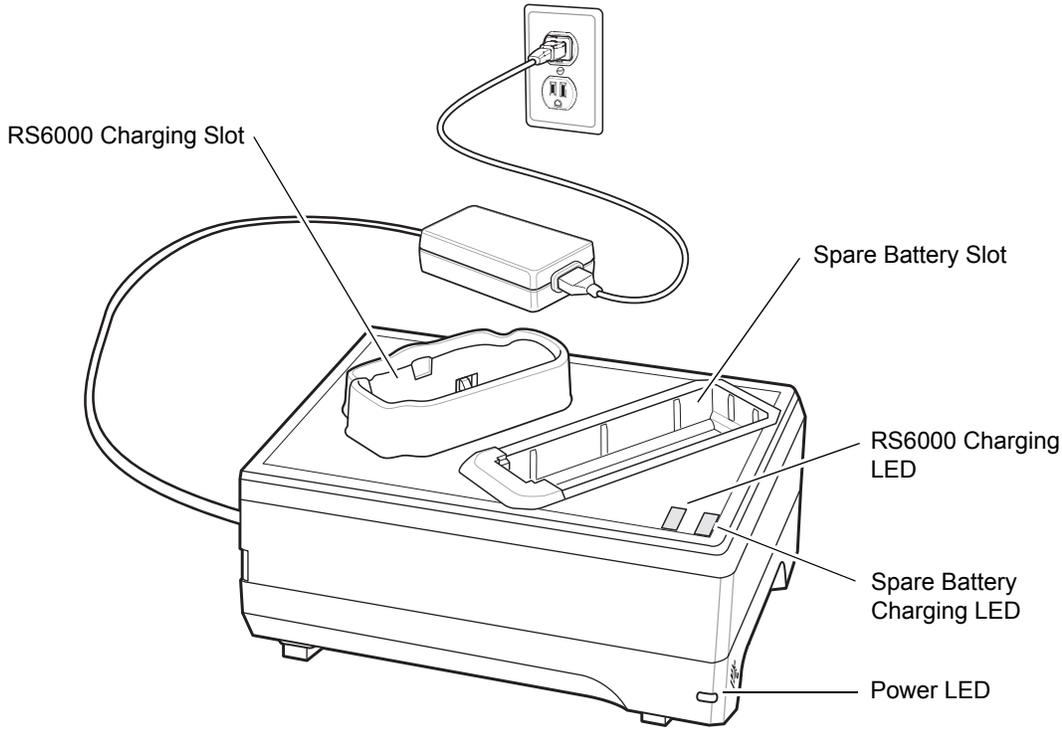
Figure 1-8 *1-Slot RS6000 USB Charging Cradle*

2-Slot WT6000/RS6000 Charging Cradle

RS6000 Charging Slot

WT6000 Charging Slot

RS6000 Charging LED

WT6000 Charging LED

Power LED
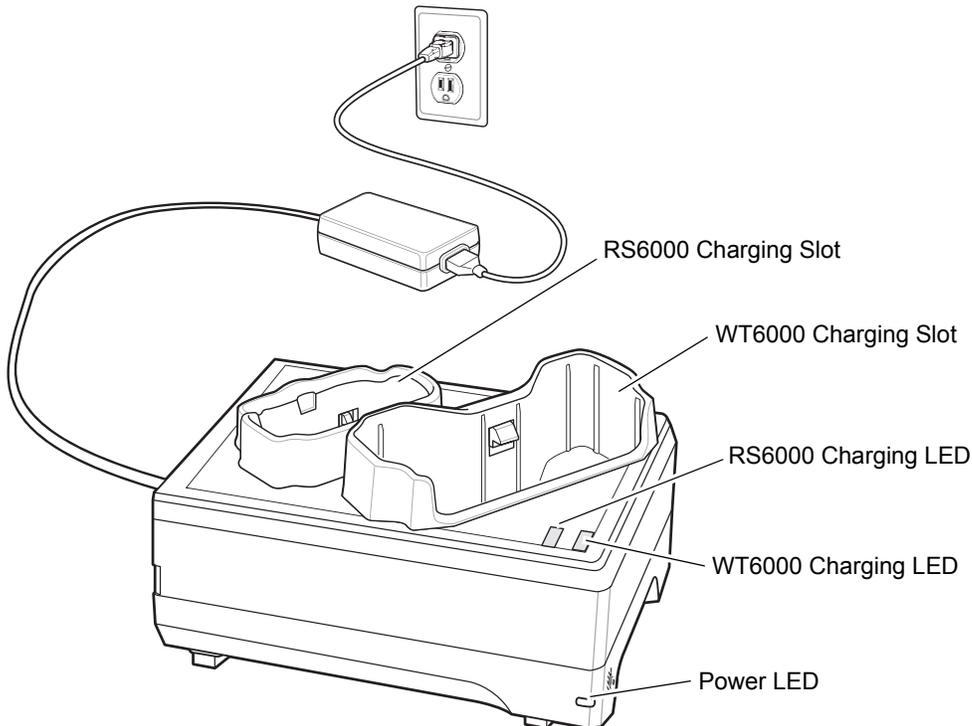
Figure 1-9 *2-Slot WT6000/RS6000 Charging Cradle*

5-Slot RS6000 Charge Only Cradle
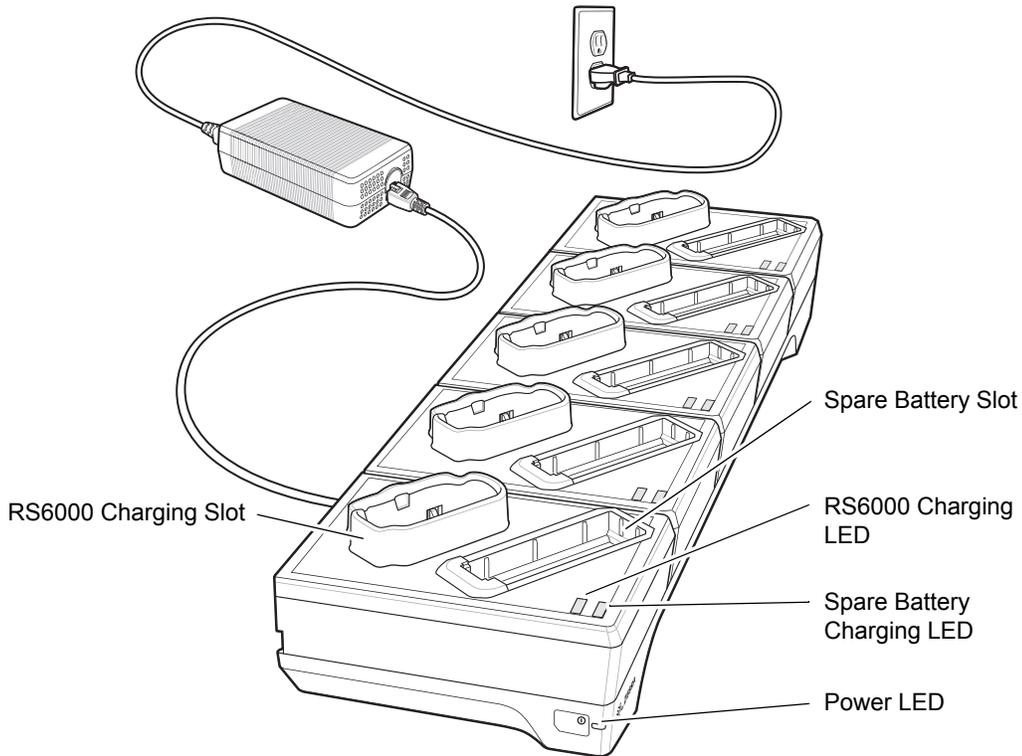
Figure 1-10   *5-Slot RS6000 Charge Only Cradle*

10-Slot WT6000/RS6000 Charge Only Cradle
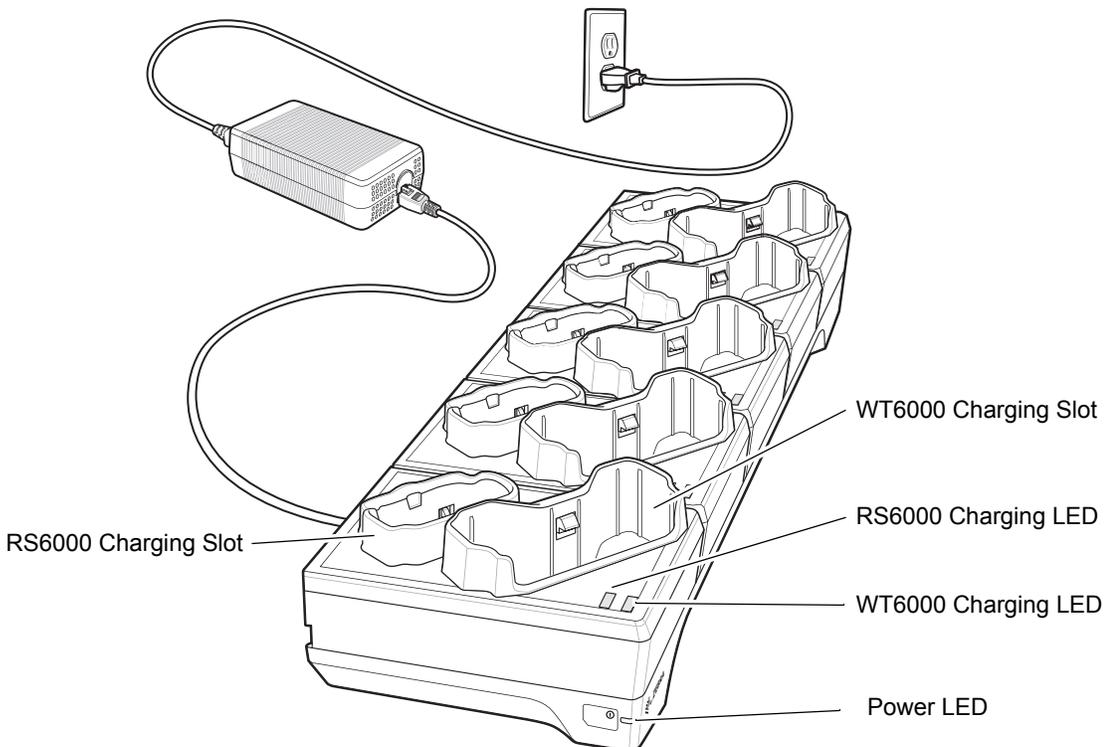
Figure 1-11   *10-Slot WT6000/RS6000 Charge Only Cradle*

10-Slot RS6000 Charge Only Cradle

RS6000 Charging Slots

RS6000 Charging LEDs

Power LED
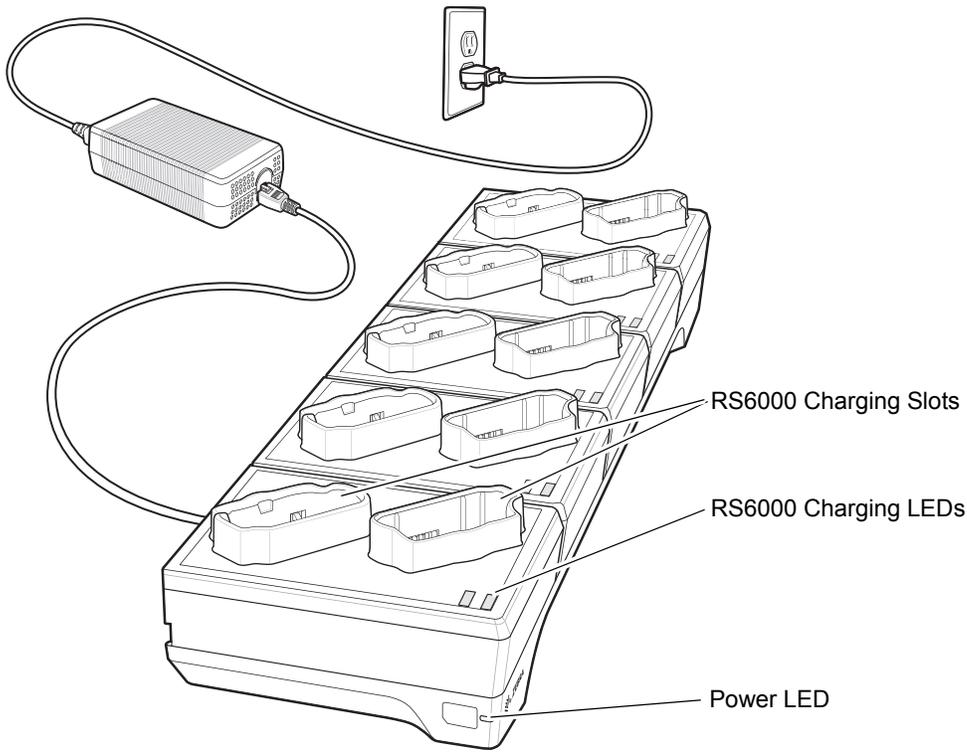
Figure 1-12 *10-Slot RS6000 Charge Only Cradle*

5-Slot RS6000 Ethernet Cradle

RS6000 Charging Slot

Spare Battery Slot

RS6000 Charging LED

Spare Battery Charging LED

1000 Power LED

100/100 Power LED
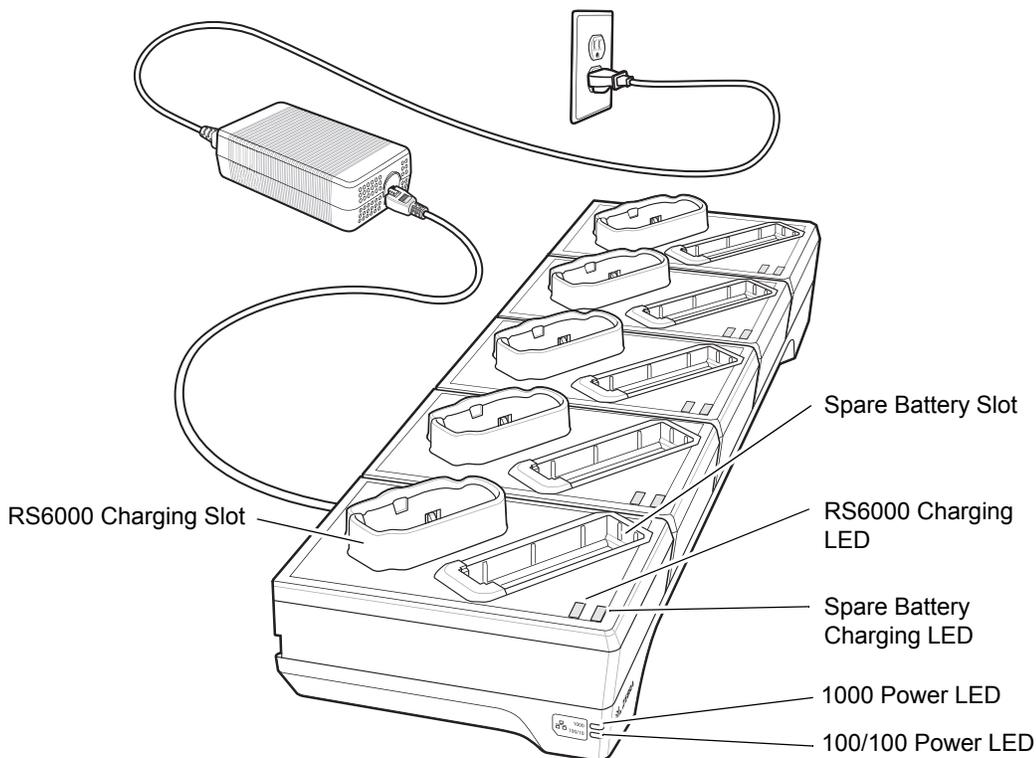
Figure 1-13 *5-Slot RS6000 Ethernet Cradle*

4-Slot Battery Charger

Battery Charging LEDs (4)

Power LED
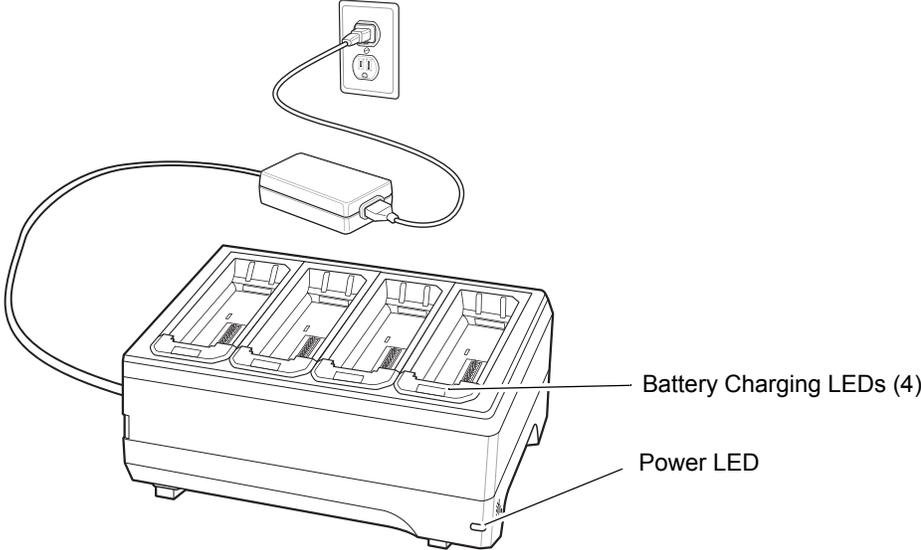
Figure 1-14 *4-Slot Battery Charger*

20-Slot Battery Charger

Battery Charging LEDs (20)

Power LED
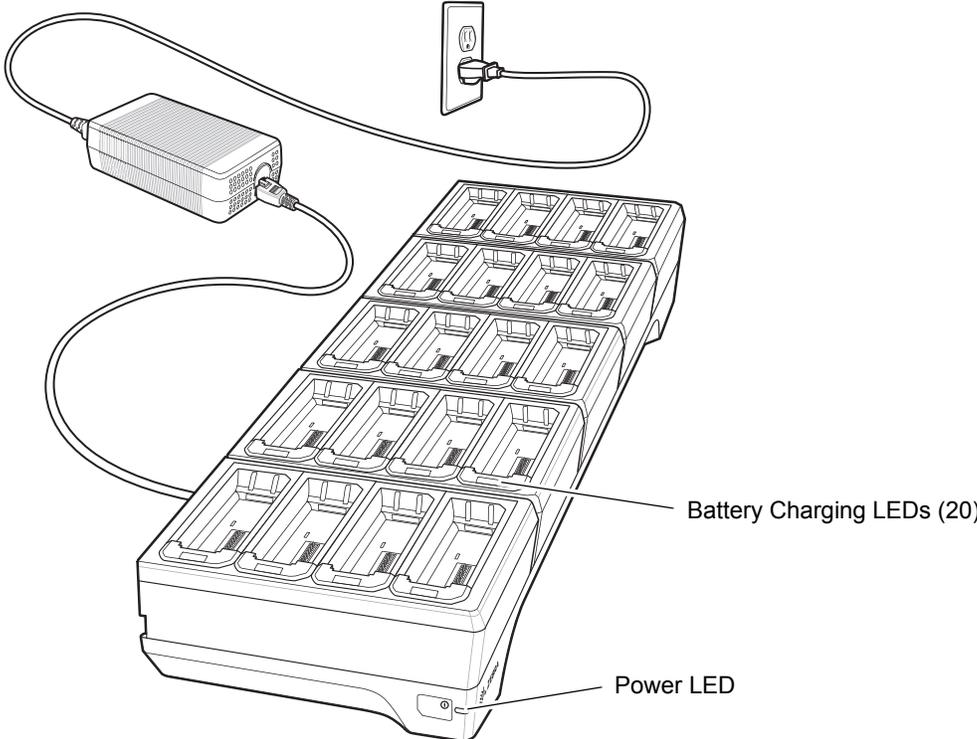
Figure 1-15 *20-Slot Battery Charger*

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