Quick Start Guide
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Always refer to the Important Safety Information data sheet shipped with each printer and the Technical Bulletin shipped with each battery pack. These documents detail procedures to ensure maximum reliability and safety while using this printer.

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Works with:

- Made for iPod 📱 iPhone 📱 iPad
- Android
- Windows

Complete and current documentation for the printers is provided by the QLn Series User Guide available at: [www.zebra.com/manuals](http://www.zebra.com/manuals).
Lithium ion (Li-Ion) technology is the state-of-the-art in DC energy storage and has been widely adopted to meet user demand for more power and longer operating times. No other battery technology available at this time allows Zebra to meet market and competitive requirements for operating times and label capacity for thermal printers. Zebra actively monitors the Li-Ion battery technology industry and we have become aware of published concerns about Li-Ion batteries, including batteries for laptop computers, cell phones, digital cameras, wireless speakerphones and numerous other products.

Although Li-Ion technology is state-of-the-art, its use does come with a tradeoff: the design and manufacture of Li-Ion batteries has not yet reached a level that guarantees performance under all circumstances and that batteries will never overheat or out-gas. Therefore, it is important to understand and follow proper and safe practices for the use, storage, disposal, handling, and charging of Li-Ion batteries.

Failure to follow safe practices may result in bodily injury and/or property damage.

While our battery manufacturers have made significant improvements from a design and manufacturing process perspective, we strongly recommend that you implement the following battery management practices to further reduce any residual risk of overheating and/or out-gassing:

I. Use, Storage and Disposal
   1. Only use genuine Zebra® battery packs in Zebra printers.
   2. Our experience indicates that the incidence of failure may increase with battery service life due to the stresses of daily charging and discharging. We strongly recommend that Li-Ion batteries be replaced after one year’s daily service, or 600 charge-discharge cycles, whichever occurs first.
   3. In the unused state, a Li-Ion battery pack may become unstable if the voltage drops below 4.6 volts. The printer will shut down before a battery reaches this voltage, but a battery may further self discharge below 4.6 volts if it is left in the discharged state for more than a few weeks. We recommend periodic use of a voltmeter to check such batteries before recharging. If the voltage of any battery pack drops below 4.6 volts, the battery pack should be discarded.
   4. Keep battery packs and chargers away from combustible materials.
   5. Do not store battery packs in temperatures exceeding 60ºC/140ºF and do not store the battery packs in direct sunlight.
   6. Keep battery packs away from children.
   7. Promptly and properly dispose of used battery packs according to local regulations for the disposal of batteries. Before disposal, you should insulate the terminals with tape.

Zebra voluntarily participates in the RBRC program. Call 1-800-8-BATTERY in North America for information on recycling. Outside of North America, please follow local battery recycling guidelines.

II. Handling
   1. Do not disassemble the battery packs.
   2. Do not attempt to repair any part of the battery packs.

III. Charging
   1. Charge batteries only in Zebra battery chargers.
   2. Do not charge batteries in direct sunlight or other sources of heat.
   3. Do not charge batteries in temperatures exceeding 40ºC/104ºF.

IV. Shorting
   1. Do not attempt to bridge or solder to the battery packs.

V. Suppressing
   1. Do not attempt to suppress or modify the battery packs.

VI. Overheating
   1. Do not operate batteries in temperatures exceeding 50ºC/122ºF.

VII. Over-discharging
   1. Do not over-discharge batteries.

VIII. Safety Information
   1. Use caution when handling batteries.
   2. Do not carry or store batteries with metal objects.

IX. Replacement Battery Packs
   1. When replacing batteries, use only batteries that have been approved by Zebra Technologies Corporation.

X. Warranty Information
   1. Zebra Technologies Corporation warrants its battery packs to be free from defects in material and workmanship for a period of one year from the date of purchase. This warranty does not cover any damage caused by misuse, negligence, or normal wear and tear.

For more information, visit our website at www.zebra.com or contact Zebra Technologies Corporation at 475 Half Day Road, Suite 500, Lincolnshire, IL 60069 USA, T: +1 847.634.6700 or +1 800.423.0442.
Overview

1. Platen Roller
2. Bar Sensor
3. Media Support Disks
4. Tear Bar
5. Label Present Sensor
6. Peeler Lever
7. Peeler Bail
8. Media Cover Button
9. Keypad
10. Strap Post
11. LCD Screen
12. Printhead
13. Media Cover
14. Gap Sensor
15. Power Button
16. Feed Button
17. LED Charge Indicator
Note: Tapping the Zebra Print Touch™ icon with a Near Field Communication (NFC) enabled smartphone will provide instant access to printer-specific information. For more information about NFC and Zebra products, go to http://www.zebra.com/nfc. Bluetooth pairing applications via NFC is also possible. Please see Zebra Multi-platform SDK for more information.

http://www.zebra.com/nfc
Removing and Installing the Battery

Note: Scanning the QR code with a smartphone will provide printer-specific information at www.zebra.com/qln320-info and www.zebra.com/qln220-info.
Charging the Smart Battery

**UCLI72-4 Quad Charger**
The UCLI72-4 Quad Charger charges up to four QLn battery packs simultaneously. Batteries must be removed from the printer to be charged in the Quad Charger.

The indicators under the battery will allow you to monitor the charging process per the table below:

<table>
<thead>
<tr>
<th>Amber</th>
<th>Green</th>
<th>Battery Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>On</td>
<td>Off</td>
<td>Charging</td>
</tr>
<tr>
<td>On</td>
<td>Flashing</td>
<td>80% charged (O.K. to use)</td>
</tr>
<tr>
<td>Off</td>
<td>On</td>
<td>Completely Charged</td>
</tr>
<tr>
<td>Flashing</td>
<td>Off</td>
<td>Fault</td>
</tr>
</tbody>
</table>

1. Plug Power Supply into A.C. Outlet.
2. Slide Battery Pack into Charger bay.
3. Rock Battery Pack into place.
Smart Charger-2 (SC2) Single Battery Charger

<table>
<thead>
<tr>
<th>Charge Status</th>
<th>Green</th>
<th>Yellow</th>
<th>Yellow Flashing</th>
<th>Amber</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Fully Charged</td>
<td>Charging</td>
<td>N/A</td>
<td>Fault</td>
</tr>
<tr>
<td>Battery Health</td>
<td>Good</td>
<td>Capacity Diminished</td>
<td>Past Useful Life</td>
<td>Unusable- Replace Battery</td>
</tr>
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</table>

When the SC2 is plugged in but no battery is present, the Charge Status LED indicator will be green.
AC Power Adapter (included in kit p/n P1031365-024)

Batteries are shipped uncharged. Remove protective shrink-wrap and labels from new battery packs and allow them to charge completely prior to initial use.

While it’s possible to charge the battery when using the printer, charge times will increase under this condition.

The QLn220 and 320 extended capacity battery is not compatible with the QLn-EC and EC4 Ethernet cradles.
**QIn-EC**

Remove Docking Cradle Access sticker before docking the printer.

**QIn-EC4**

<table>
<thead>
<tr>
<th>LED Function</th>
<th>LED Status</th>
<th>Indication</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power</td>
<td>Solid Green</td>
<td>Power On</td>
</tr>
<tr>
<td>Ethernet</td>
<td>Blinking Green</td>
<td>Ethernet Activity</td>
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Release Button

Ethernet Status Indicator

Docking Bay

Ethernet Status Indicator

Power Status Indicator

Remove Docking Cradle Access sticker before docking the printer.
Loading Media (Peeler Activated)
Cable Communications

Via a Terminal

Via a Computer

To provide strain relief for the communication cables, twist the locking cap in a clockwise direction to secure. Only one cable can be used at a time in this orientation.

Via Bluetooth (NFC)

Made for

- iPod
- iPhone
- iPad

http://www.zebra.com/nfc
Printer Controls

LED Charge Indicator
- **Solid Yellow**: Charging
- **Solid Green**: Fully charged
- **Off**: No DC Power Applied
- **Off**: With DC Power Applied: Charge Fault

**Printer Status Bar & Status Screen**
Indicates the status of several printer functions.**

**Main Menu Screen**
Displays graphical options including Settings, Tools, Network, Battery, Languages, Sensors, Ports and Bluetooth.

**Navigation Bar**
Displays user-selectable options.

**Soft Keys**
Press to select a function on the Navigation Bar.

**Four Way Navigation Buttons**
Scroll through menu choices on Status Screen
Press "OK" to enter.

**Not every icon will be displayed on the Status Bar at one time, only those applicable to the printer’s configuration.**
Cleaning the Printers

For specific QLn Healthcare printer cleaning instructions (P1066640-001), please go to www.zebra.com/manuals and select QLn320 Mobile Printer or QLn220 Mobile Printer from the Printer Support dropdown menu.

Accessories

Hand Strap (P1031365-027)

Shoulder Strap (P1031365-026)

Soft Case (P1031365-029/044)
Accessories cont.

Belt Clip (P1024458-002)

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