
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:

1. **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.

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