SAC3600-4001CR

Four Slot Spare Battery Charger

Quick Reference Guide
Zebra reserves the right to make changes to any product to improve reliability, function, or design.

Zebra does not assume any product liability arising out of, or in connection with, the application or use of any product, circuit, or application described herein. No license is granted, either expressly or by implication, estoppel, or otherwise under any patent right or patent, covering or relating to any combination, system, apparatus, machine, material, method, or process in which Zebra products might be used. An implied license exists only for equipment, circuits, and subsystems contained in Zebra products.

**Warranty**

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

**For Australia Only**

For Australia Only. This warranty is given by Zebra Technologies Asia Pacific Pte. Ltd., 71 Robinson Road, #05-02/03, Singapore 068895, Singapore. Our goods come with guarantees that cannot be excluded under the Australia Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

Zebra Technologies Corporation Australia’s limited warranty above is in addition to any rights and remedies you may have under the Australian Consumer Law. If you have any queries, please call Zebra Technologies Corporation at +65 6858 0722. You may also visit our website: http://www.zebra.com for the most updated warranty terms.

**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.
Introduction

The SAC3600-4001CR four slot spare battery charger charges up to four single spare batteries. The charger can sit on a desktop or mount on a wall. This document provides basic instructions for charger set up and use. For best performance, fully charge the device battery before using the device for the first time.

To charge the device battery, insert the battery in the charger. The battery begins charging when the LED indicator on the battery charger LED is amber (blinking or stays on). A complete charge of a fully discharged battery can take up to five hours. Charge within the recommended temperature of 32° to 104° F (0° to 40° C) nominal, 41° to 95° F (5° to 35° C) ideal.

Accessories

- Two screws (for wall mounting, if applicable, not available from Zebra).
- Power supply for desk/wall mounting configuration (p/n PWRS-14000-148R).

Unpacking

Carefully remove all protective material from around the equipment and inspect it for damage. If the equipment was damaged in transit, contact Zebra Support. KEEP THE PACKING. It is the approved shipping container and should be used if the equipment ever needs to be returned for servicing.

Related Documentation

- LI3678 Quick Start Guide, p/n MN002323A0X.
- LI3678 Product Reference Guide, p/n MN001740A0X.
- DS3678 Quick Start Guide, p/n MN002648A0X.
- DS3678 Product Reference Guide, p/n MN-002689-0X.
Charger Parts

*Four Slot Spare Battery Charger Front View*

- Battery Charging LED (four)
- Battery Well (four)

*Four Slot Spare Battery Charger Back View*

- Rubber Feet (four)
- Wall Mount Key-Hole (two)
- Power Cable Groove
- Power Port
- Power Cable Well
- USB Port
- Cable Grooves

**NOTE**

The USB port connection is only required to update firmware. It is not required for normal operation.
Mounting the Charger

To mount the charger on a vertical (wall) surface:

1. Connect the power cable to the power port and an AC power source. Insert the power cable into the cable groove.

2. At the desired location, mark the location of the screws holes. The distance between the two mounting screw holes is 103 mm. The gap between the wall and the screw head is approximately 2.5 mm.

3. Pre-drill holes to accommodate two screws.

4. Attach the charger securely to the surface.

5. Insert up to four batteries to charge.

Inserting Batteries

To insert batteries in the battery charger, angle the battery with the contacts facing up and slide the contact side of the battery under the LED indicator ledge as shown below. Push down on the label surface of the battery until it clicks in place, engaging the contacts in the battery charger.

Removing Batteries

To remove batteries from the charger, pull the battery out of the battery well from the top of the battery.

Charging Batteries

To insert batteries in the battery charger, angle the battery with the contacts facing up and slide the contact side of the battery under the LED indicator ledge as shown below. Push down on the label surface of the battery until it clicks in place, engaging the contacts in the battery charger.
LED Indicators

<table>
<thead>
<tr>
<th>Power/Charging LED Sequence</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Standard Use</strong></td>
</tr>
<tr>
<td>Red, amber, green, off (all four LEDs)</td>
</tr>
<tr>
<td>Off</td>
</tr>
<tr>
<td><strong>Battery Indications</strong></td>
</tr>
<tr>
<td>Amber (blinking)</td>
</tr>
<tr>
<td>Amber (stays on)</td>
</tr>
<tr>
<td>Green (stays on)</td>
</tr>
<tr>
<td>Amber (fast blinking)</td>
</tr>
<tr>
<td><strong>Battery End of Life Indications</strong></td>
</tr>
<tr>
<td>Red (blinking)</td>
</tr>
<tr>
<td>Red (stays on)</td>
</tr>
<tr>
<td>Red (fast blinking)</td>
</tr>
<tr>
<td><strong>Maintenance Indications</strong></td>
</tr>
<tr>
<td>Red (stays on; all four LEDs)</td>
</tr>
<tr>
<td>Red blinking (all four LEDs)</td>
</tr>
</tbody>
</table>

Troubleshooting

If the charger does not work after following the previous procedures:

- Check the system power.
- Check for loose cable connections.
- Check that batteries are inserted properly in the charger.

⚠️ **CAUTION**  Do not pour, spray, or spill any liquid on the charger.

Maintenance

- Protect the charger from temperature extremes.
- Do not store or use the charger in any location that is extremely dusty, damp, or wet.

Use a soft cloth to clean the charger. If the surface of the charger becomes soiled, clean it with a soft cloth moistened with a diluted window-cleaning solution.
Regulatory Information
This device is approved under Zebra Technologies Corporation. This guide applies to Model Number: SAC3600. All Zebra devices are designed to be compliant with rules and regulations in locations they are sold and will be labeled as required. Local language translations are available at the following website: http://www.zebra.com/support.

Any changes or modifications to Zebra equipment, not expressly approved by Zebra, could void the user's authority to operate the equipment.

For use only with Zebra approved and UL listed mobile computers, Zebra approved, and UL listed/recognized battery packs.

**CAUTION**

Only use Zebra approved and UL Listed accessories, battery packs, and battery chargers.

Do NOT attempt to charge damp/wet mobile computers or batteries. All components must be dry before connecting to an external power source.

Declared maximum operating temperature: 50°C.

Power Supply
Use only a Zebra approved UL LISTED ITE (IEC/EN 60950-1) power supply with electrical ratings: Output 12 Vdc, min 4.6A, with a maximum ambient temperature of at least 50 degrees C. Use of alternative power supply will invalidate any approvals given to this device and may be dangerous.

Batteries
Taiwan - Recycling

EPA (Environmental Protection Administration) requires dry battery producing or importing firms in accordance with Article 15 of the Waste Disposal Act are required to indicate the recycling marks on the batteries used in sales, giveaway, or promotion. Contact a qualified Taiwanese recycler for proper battery disposal.

Battery Information

**CAUTION**

Risk of explosion if battery is replaced by an incorrect type.

Dispose of batteries according to instructions.

Use only Zebra approved batteries. Accessories which have battery charging capability are approved for use with the following battery models: Part Number 82-166537-01 (3.6 Vdc, TYP. 3150 mAh, MIN. 3100 mAh).

Zebra approved rechargeable battery packs are designed and constructed to the highest standards within the industry.

However, there are limitations as to how long a battery can operate or be stored before needing replacement. Many factors affect the actual life cycle of a battery pack such as heat, cold, harsh environmental conditions, and severe drops.
When batteries are stored over six months, some irreversible deterioration in overall battery quality may occur. Store batteries at half of full charge in a dry, cool place, removed from the equipment to prevent loss of capacity, rusting of metallic parts, and electrolyte leakage. When storing batteries for one year or longer, the charge level should be verified at least once a year and charged to half of full charge.

Replace the battery when a significant loss of run time is detected.

Standard warranty period for all Zebra batteries is 30 days, regardless if the battery was purchased separately or included as part of the mobile computer or bar code scanner. For more information on Zebra batteries, please visit: http://www.zebra.com/batterybasics.

**Battery Safety Guidelines**

The area in which the units are charged should be clear of debris and combustible materials or chemicals. Particular care should be taken where the device is charged in a non-commercial environment.

- Follow battery usage, storage, and charging guidelines found in the user's guide.
- Improper battery use may result in a fire, explosion, or other hazard.
- To charge the mobile device battery, the battery and charger temperatures must be between +32 °F and +104 °F (0 °C and +40 °C).
- Do not use incompatible batteries and chargers. Use of an incompatible battery or charger may present a risk of fire, explosion, leakage, or other hazard. If you have any questions about the compatibility of a battery or a charger, contact Zebra support.
- Do not disassemble or open, crush, bend or deform, puncture, or shred.
- Severe impact from dropping any battery-operated device on a hard surface could cause the battery to overheat.
- Do not short circuit a battery or allow metallic or conductive objects to contact the battery terminals.
- Do not modify or remanufacture, attempt to insert foreign objects into the battery, immerse or expose to water or other liquids, or expose to fire, explosion, or other hazard.
- Do not leave or store the equipment in or near areas that might get very hot, such as in a parked vehicle or near a radiator or other heat source. Do not place battery into a microwave oven or dryer.
- Battery usage by children should be supervised.
- Please follow local regulations to promptly dispose of used re-chargeable batteries.
- Do not dispose of batteries in fire.
- Seek medical advice immediately if a battery has been swallowed.
- In the event of a battery leak, do not allow the liquid to come in contact with the skin or eyes. If contact has been made, wash the affected area with large amounts of water and seek medical advice.
- If you suspect damage to your equipment or battery, contact Zebra support to arrange for inspection.

**Radio Frequency Interference Requirements - FCC**

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.
However there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected
- Consult the dealer or an experienced radio/TV technician for help.

Radio Frequency Interference Requirements - Canada
CAN ICES-3 (B)/NMB-3(B)

Marking and European Economic Area (EEA)

Statement of Compliance
Zebra hereby declares that this device is in compliance with all applicable Directives, 2014/30/EU, 2014/35/EU and 2011/65/EU. The full text of the EU Declaration of Conformity is available at the following internet address: http://www.zebra.com/doc.

Other Countries
Japan (VCCI) - Voluntary Control Council for Interference
Class B ITE

Este equipo cumple con la Resolución No 403 de 2008, de la Subsecretaria de telecomunicaciones, relativa a radiaciones electromagnéticas.

China

通过访问以下网址可下载当地语言支持的产品说明书
http://www.zebra.com/contact
Waste Electrical and Electronic Equipment (WEEE)

English: For EU Customers: All products at the end of their life must be returned to Zebra for recycling. For information on how to return product, please go to: http://www.zebra.com/recycling/weee.


**Nederlands:** Voor klanten in de EU: alle producten dienen aan het einde van hun levensduur naar Zebra te worden teruggezonden voor recycling. Raadpleeg http://www.zebra.com/recycling/weee voor meer informatie over het terugzenden van producten.

**Polski:** Klenci z obszaru Unii Europejskiej: Produkty wycofane z eksploatacji należy zwrócić do firmy Zebra w celu ich utylizacji. Informacje na temat zwrotu produktów znajdują się na stronie internetowej http://www.zebra.com/recycling/weee.

**Português:** Para clientes da UE: todos os produtos no fim de vida devem ser devolvidos à Zebra para reciclagem. Para obter informações sobre como devolver o produto, visite: http://www.zebra.com/recycling/weee.

**Românesc:** Pentru clienții din UE: Toate produsele, la sfârșitul duratei lor de functionare, trebuie returnate la Zebra pentru reciclare. Pentru informații despre returnarea produsului, accesați: http://www.zebra.com/recycling/weee.


**Türkçe:** AB Müşterileri için: Kullanım süresi dolan tüm ürünleri Zebra'ya iade edilmelidir. Ürünlerin nasıl edileceği hakkında bilgi için lütfen şu adresi ziyaret edin: http://www.zebra.com/recycling/weee.

**TURKISH WEEE Statement of Compliance**

**EEE Yönetmeliğine Uygundur**

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**China RoHS**

This table was created to comply with China RoHS requirements.

<table>
<thead>
<tr>
<th>部件名称 (Parts)</th>
<th>有害物质</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>铅 (Pb)</td>
</tr>
<tr>
<td>金属部件 (Metal Parts)</td>
<td>0</td>
</tr>
<tr>
<td>电路模块 (Circuit Modules)</td>
<td>X</td>
</tr>
<tr>
<td>电缆和电缆组件 (Cables and Cable Assemblies)</td>
<td>0</td>
</tr>
<tr>
<td>塑料和聚合物部件 (Plastic and Polymeric Parts)</td>
<td>0</td>
</tr>
<tr>
<td>光学和光学组件 (Optics and Optical Components)</td>
<td>0</td>
</tr>
<tr>
<td>电池 (Batteries)</td>
<td>0</td>
</tr>
</tbody>
</table>

本表格依据SJT 11364 的规定编制。

0：表示该有害物质在该部件所有均质材料中的含量均在 SJ/T 11364—2014 规定的限量要求以下。
X：表示该有害物质至少在该部件的某一均质材料中的含量超出 SJ/T 11364—2014 规定的限量要求。 (企业可在此处，根据实际情况对表中打“X”的技术原因进行进一步说明。)

This table was created to comply with China RoHS requirements.