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AB15 and AB16 Battery Instructions



P/N 943-140-003

Specifications

Design and specifications are subject to change without notice.

Physical Specifications

Product: Intermec lithium-ion battery (Model AB15 or AB16)

Dimensions: 70 x 79 x 13 mm (2.8 x 3.1 x 0.5 in) (AB15)
70 x 79 x 17 mm (2.8 x 3.1 x 0.7 in) (AB16)

Weight: 76 g (2.7 oz) (AB15)
113 g (4.0 oz) (AB16)

Capacity and Output Specifications

Maximum output: \approx 4.2 V

Nominal output: \approx 3.7 V

Capacity: 2400 mAh (8.1 Wh) (AB15)
4000 mAh (14.8 Wh) (AB16)

Temperature and Humidity Specifications

Operating temperature: -20 °C (-4 °F) to 50 °C (122 °F)

Charging temperature: 0 °C (32 °F) to 40 °C (104 °F), 20 °C (68 °F) to 25 °C (77 °F) will provide extended battery life.

Storage temperature: -20 °C (-4 °F) to 60 °C (140 °F). For maximum battery life store at 23 °C (73 °F) at 50% charge.

Relative humidity: 5% to 95% non-condensing

Important Recommendations

- Charge the battery before use. Battery ships with a partial charge only.
- See "Charging the Battery" for approved charging methods. Use of this battery in other devices could result in damage to the device or battery.
- The temperature range for charging this battery is 0 °C to 40 °C (32 °F to 104 °F). Do not charge this battery outside of this range. For maximum battery life, charge at 23 °C (73 °F).
- Do not store the battery at temperatures above 60 °C (140 °F), such as inside a car on a hot day or in direct sunlight. Storage above 60 °C (140 °F) may damage the battery.
- Avoid dropping the battery or computer. If you suspect that the battery or computer is damaged, send it to an Intermec by Honeywell service center for inspection.
- Replace this battery only with another AB15 or AB16 battery. These batteries have been tested in accordance with applicable safety standards. Contact your Intermec by Honeywell sales representative or distributor if this battery is no longer available.
- Discarded batteries may create a safety hazard. Before disposal, cover the battery contacts with electrical insulating tape.

Safety Precautions

- Do not modify the battery or attempt to insert foreign objects into it.
- Do not solder directly to the battery contacts.
- Do not short circuit the battery, and keep it away from metallic items.
- Do not drop the battery or apply mechanical shocks or pressure to it.
- Do not disassemble or open, crush, bend or deform, puncture, shred or burn the battery.
- Do not immerse the battery in water or get the battery wet.
- Battery usage by children should be supervised.

AB15 & AB16 Battery Instructions



The Model AB15 and AB16 lithium-ion batteries are designed for use in these Intermec computers:

- CN3 and CN3e Mobile Computer
- CN4 and CN4e Mobile Computer

Charging the Battery

You need to fully charge the battery before using it in your Intermec computer. You can charge batteries after a partial discharge without affecting the original battery capacity. Use the next table to understand the maximum charging times for a fully discharged battery.

Charging Accessory	Model	Charging Time
CN3/CN4 Quad Battery Charger	AC14	6 hours
CN3/CN4 Single Dock	AD10	6 hours



When the battery reaches the end of its useful life, the spent battery should be disposed of by a qualified recycler or hazardous materials handler. Do not mix this battery with the solid waste stream. Contact your Intermec by Honeywell Service Center for recycling or disposal information.

Note: In the U.S.A., the EPA does not consider spent Li-ion batteries as hazardous waste.



Caution: This battery pack may ignite, create a chemical burn hazard, explode, or release toxic materials if mistreated. Do not incinerate, disassemble, or heat above 100 °C (212°F). Do not short circuit; may cause burns. Keep away from children. Use only Intermec charger Models AC14 and AD10. Use of incorrect charger may present a risk of fire or explosion. CONTAINS LITHIUM-ION BATTERY. WASTE BATTERY MUST PROMPTLY BE RECYCLED OR DISPOSED OF PROPERLY. SEE INSTRUCTIONS.

Proper Disposal of Waste Batteries

Some of the substances necessary for the proper functioning of batteries are considered harmful to the environment and to human health. It is therefore important that those substances be kept out of the environment.

You play an important role in the protection of the environment:

1. Keep all waste batteries out of unsorted trash.
2. Dispose of all waste batteries in separate collection for treatment and recycling.

Please contact Intermec for the collection option(s) available in your location.

Marking of the battery:

1. The wheeled-bin symbol indicates the requirement for separate collection of the battery.
2. Two letters shown underneath the wheeled bin indicate the presence of a certain substance:
 - a. Hg means Mercury is present
 - b. Cd means Cadmium is present
 - c. Pb means Lead is present
3. The Moebius loop (chasing arrows) indicates that the battery is recyclable.



Vorsicht: Dieser Akkusatz kann sich bei Missbrauch entzünden, chemische Verätzungen verursachen, explodieren oder toxische Substanzen freisetzen. Nicht verbrennen, zerlegen oder über 100 °C erwärmen. Keinen Kurzschluss verursachen; Verbrennungsgefahr. Von Kindern fern halten. Nur Intermec Ladegerät-Modelle AC14 und AD10 verwenden. Wenn ein falsches Ladegerät verwendet wird, besteht Brand- oder Explosionsgefahr. ENTHÄLT EINEN LITHIUMIONEN-AKKU. DER ALTAKKU MUSS UNVERZÜGLICH UND VORSCHRIFTMÄßIG ENTSORGT ODER RECYCELT WERDEN. SIEHE ANWEISUNGEN.



Precaución: Esta batería puede encenderse, crear un peligro de quemadura química, explotar o expedir materiales tóxicos si se trata indebidamente. No la incinere, desarme ni caliente sobre 100 °C. No haga cortocircuitos porque pueden causar quemaduras. Manténgala alejada de los niños. Use sólo los cargadores Intermec modelos AC14 y AD10. El uso del cargador incorrecto puede causar peligro de incendio o explosión. CONTIENE UNA BATERÍA DE IONES DE LITIO. AL DESCARTAR LA BATERÍA DEBE RECICLARSE O DESECHARSE RÁPIDA Y CORRECTAMENTE. VEA LAS INSTRUCCIONES.



Mise en garde : Ce bloc-piles peut prendre feu, constituer un risque de brûlure chimique, exploser ou dégager des substances toxiques s'il est manipulé de façon inappropriée. Ne pas jeter au feu, démonter ou chauffer à plus de 100 °C. Ne pas court-circuiter; cela pourrait causer des brûlures. Garder hors de la portée des enfants. N'utiliser qu'un chargeur parmi les modèles AC14 et AD10. L'utilisation d'un mauvais chargeur pourrait constituer un risque d'incendie ou d'explosion. CONTIENT UNE PILE AU LITHIUM-ION. LES PILES USAGÉES DOIVENT ÊTRE RECYCLÉES RAPIDEMENT OU ÉLIMINÉES D'UNE MANIÈRE APPROPRIÉE. VOIR LES INSTRUCTIONS.

Measures de sécurité

- Ne pas modifier la pile ou tenter d'insérer des corps étrangers dedans.
- Ne pas souder directement sur les contacts de la pile.
- Ne pas court-circuiter la pile, et la garder loin d'objets métalliques.
- Ne pas laisser tomber la pile ni appliquer des chocs mécaniques ou exercer une pression dessus.
- Ne pas démonter ni ouvrir, écraser, plier, déformer, percer, déchieter ou brûler la pile.
- Ne pas plonger la pile dans l'eau ni la mouiller.
- L'utilisation de piles par les enfants devrait être surveillée.



주의: 이 배터리 팩은 잘못 다룰 경우 불이 붙거나 화학 반응을 일으키거나 폭발하거나 또는 유독 물질이 흘러나올 수 있습니다. 배터리를 불에 태우거나 분해하거나 100 °C 이상의 열을 가하지 마십시오. 배터리를 단락시키지 마십시오. 화재가 발생할 수 있습니다. 어린이 손이 닿지 않는 곳에 보관하십시오. Intermec 충전기 AC14 및 AD10 모델만 사용하십시오. 그 외 충전기를 사용할 경우 화재나 폭발 위험이 있습니다. 리튬 이온 배터리가 내장되어 있습니다. 폐 배터리는 즉시 재활용하거나 올바르게 폐기하십시오.



Cuidado: A bateria pode pegar fogo, criar risco de queimadura química, explodir ou exalar materiais tóxicos se abusada. Não incinerar, desmontar nem aquecer a bateria a mais de 100 °C. Não provocar curto-circuito, pois pode causar queimaduras. Manter afastada de crianças. Usar apenas os modelos de carregadores da Intermec AC14 e AD10. O uso de um carregador incorreto pode gerar risco de incêndio ou explosão. CONTÉM BATERIA DE ÍON DE LÍTIO. A BATERIA USADA DEVE SER IMEDIATAMENTE RECICLADA OU DESCARTADA DE FORMA ADEQUADA. CONSULTE AS INSTRUÇÕES.



Осторожно: При неправильном обращении этот батарейный источник питания может воспламениться, создать опасность химического ожога, взорваться или выделять ядовитые материалы. Не сжигайте, не разбирайте, не допускайте нагрева выше 100 °C. Не замыкайте контакты накоротко – это может причинить ожог. Прячьте от детей. Используйте только зарядные устройства Intermec моделей AC14 и AD10. Использование неподходящего зарядного устройства сопряжено с опасностью возгорания или взрыва. СОДЕРЖИТ ЛИТИЕВО-ИОННУЮ БАТАРЕЮ. ИСПОЛЬЗОВАННУЮ БАТАРЕЮ СЛЕДУЕТ НЕЗАМЕДЛИТЕЛЬНО УТИЛИЗИРОВАТЬ ИЛИ ДОЛЖНЫМ ОБРАЗОМ ЛИКВИДИРОВАТЬ. СМ. ИНСТРУКЦИИ.



警告: 电池包可能着火、造成化学燃烧危险、爆炸, 而且如果处理不当会释放有毒物质。请勿烧毁、分解电池, 或使其温度超过 100 °C。请勿使电池短路, 以免引起火灾。请不要让儿童接触到电池。仅供使用的 Intermec 充电器型号是 AC14 和 AD10。使用充电器错误可能引起火灾或爆炸。包含锂离子电池。废弃电池须及时回收或进行适当处理。

适用于中国用户

元件名及有毒有害物质名称表

元件名	有毒有害物质名称					
	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr ⁶⁺)	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
电池	X	0	0	0	0	0

0: 表示该有毒有害物质在该部件所有均质材料中的含量均在 SJ/T11363-2006 标准规定的限量要求以下。

X: 表示该有毒有害物质至少在该部件的某一均质材料中的含量超出 SJ/T11363-2006 标准规定的限量要求。



廢電池請回收

注意: 此電池必須小心處理, 否則可能會燃燒、造成化學灼傷、爆炸或釋放出有毒物質。請勿焚燒、拆卸或使其溫度超過 100 °C。請勿短路, 否則可能會導致灼傷。請放在兒童拿不到的地方。僅使用 Intermec AC14 型和 AD10 型充電器。充電器使用不當可能會引發火災或爆炸。包含鋰離子電池。廢電池必須立即回收或適當棄置。