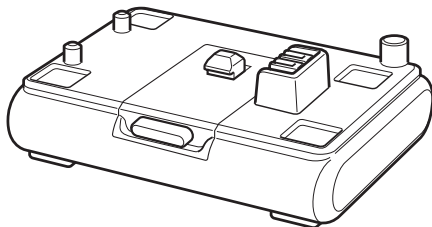


COMP *A-I-R*™ Elite

NE-C30-E Rechargeable Battery

Model **C30-E-BAT**



A Good Sense of Health

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Introduction

Thank you for purchasing the OMRON Rechargeable Battery C30-E-BAT. Please be sure to read these instructions so that you use the battery safely and correctly.

This instruction sheet complements the instruction manual for the NE-C30-E Compressor Nebuliser and describes how to use the battery. For instructions on correct use of the compressor nebuliser itself, refer to the NE-C30-E Instruction Manual. For instructions on using the optional battery charger, refer to the instructions for the Battery Charger (C30-E-BATCH).

Please keep these instructions for future reference.

This rechargeable battery is designed for use with the NE-C30-E Compressor Nebuliser and should not be used for any other purpose.

Note: Hereafter, the OMRON Nebuliser Compressor NE-C30-E is referred to as the compressor, the Rechargeable Battery C30-E-BAT as a/the battery, and the Battery Charger C30-E-BATCH as the charger.

Important safety instructions

Warning:

Failure to observe these precautions could result in a hazardous situation which, if not avoided, could result in death or serious injury.

- When using the battery, always charge the battery fully using the battery charger specially designed for this device. If the battery is repeatedly used after being charged, the capacity of the battery will be reduced and the device may stop during use. In this case have an alternative power source, such as the AC adapter ready.
- In the case where the battery has not been adequately charged, there may be instances where the unit cannot be used immediately in emergency situations such as seizures. This should be taken into consideration and discussed with the medical practitioner responsible for treatment and the device used in accordance with the practitioner's recommendations. Always have an alternative power source available.
- The battery contains alkaline liquid. If battery fluid should get in your eyes, do not wipe your eyes and immediately rinse with plenty of clean water. Consult a doctor immediately.
- Do not dispose of the battery in fire or expose it to high temperatures.
- Do not use the battery with any device other than the NE-C30-E Nebuliser Compressor.
- Do not use the battery while it is wet, or connect it to a power outlet or other devices with wet hands.
- The battery is not waterproof. Do not spill water, or other liquids, on it. If liquid or medication does spill on it, immediately wipe off the liquid with gauze or other absorbent material. Do not use or store the battery in humid locations, such as a bathroom.
- Do not connect the battery connector located on the bottom side of the compressor to the optional rechargeable battery terminal using wire or other metallic conductors.

- When using a carrying bag to carry the battery, do not place hair pins, or other metal objects in the bag.
- Use only the optional Battery Charger C30-E-BATCH to charge the battery. The use of unsupported chargers may damage the battery, or pose a fire or electric shock hazard.
- Do not use the battery where it may be exposed to flammable gas.

⚠ Caution:

Failure to observe these precautions could result in a potentially hazardous situation which if not avoided, may result in minor or moderate injury, or physical damage.

- Provide close supervision when this charger is used by, on, or near children or invalids.
- Only use the charger to charge the battery at temperatures within the range of +10°C to +40°C.
- Always remove the battery from the device and charger after use.
- Do not drop the battery or subject it to strong shocks.
- Keep the battery out of the reach of unsupervised infants and children.
- Do not leave the battery where it will be exposed to extreme temperatures or changes in humidity, such as in a vehicle during the summer, or where it will be exposed to direct sunlight.
- Do not disassemble or attempt to repair the battery.

General safety precautions

- Do not spill liquid or medication on the battery terminal on the battery, or allow them to become dusty. Immediately wipe off the liquid or dust with gauze or other absorbent material.
- Disposal of this product and used batteries should be carried out in accordance with the national regulations for the disposal of batteries.
- Always recharge the battery before using it again. Even if the battery has been fully charged after the previous use, its operating time can be reduced due to self-discharge.
- If the battery is not used for approximately 10 days after being charged, the battery capacity will be reduced to about half that of normal due to self-discharge of the battery power. If the battery will not be used for a long time, use the battery until the charge indicator on the compressor lights (to fully discharge the battery) before charging it.

Battery operation time

When the battery is fully charged (approx. 3 hours), it can be used to operate the NE-C30-E for about 35 minutes. However, the operation time will vary according to the following conditions.

- The battery charge level.
- Operating conditions.
- Number of charge/discharge cycles.

Battery life

Fully charge the battery and use the unit until the charge indicator on the main unit lights. Repeat the charge/use cycle when using the battery to power the compressor.

The battery can be charged/discharged approximately 300 times. After 300 charges/discharges the operating capacity of the battery will be reduced to about half its normal capacity. We therefore recommend that you replace the battery with a new one after 300 charges. (If the battery is charged once each day and is used for three sessions each day, the battery should last for approximately one year.)

Notes:

- The operation time may deteriorate depending on the operating conditions. Refer to the next section "About the memory effect" for details.
- If the battery is stored at high temperatures, the battery capacity will gradually deteriorate. In addition, if the battery will not be used for a long period, store the battery at a temperature between -20°C and +30°C.

About the memory effect

- If the battery is repeatedly charged before it has fully discharged, the operating time possible for each charge will gradually be reduced. This is known as the “memory effect” and is normal for nickel metal hydride (NiMH) batteries. It does not indicate a battery error or malfunction.
- If the operating time after each charge become reduced, fully charge the battery and operate the compressor until the unit stops operating (rather than when the charge indicator lights) two or three times in a row. This should restore the battery capacity to normal. If the battery capacity does still not return to normal, replace the battery with a new one.

Maintenance and storage

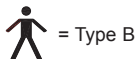
- Never clean with benzene, thinner or a flammable chemical.
- Always disconnect the battery from the main unit and charger when cleaning.
- Do not store the battery in the following locations:
 - Where it will be exposed to water.
 - Exposed to high temperatures or humidity, direct sunlight, dust or saline vapours. (Store at temperatures between -20°C to +30°C.)
 - Where it will be exposed to strong vibrations, shocks, or be at an angle.
 - Exposed to chemical or corrosive vapours.

Note: If these precautions and other instructions are not followed, the battery may not operate as expected.

Technical data

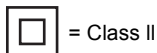
Model:	C30-E-BAT
Capacity:	850mAh (min. 760mAh)
Output:	DC 12V
Operation Time:	Approx. 35 minutes (when used at 23°C / 65% RH)
Battery Life:	Approx. 300 charge cycles (when charged at 23°C / 65% RH)
Operating Temperature /Humidity:	+10°C to +40°C / 30% to 85% RH
Storage Temperature /Humidity/Air Pressure:	-20°C to +60°C / 10% to 95% RH / 700 to 1060 hPa
Storage Conditions:	700 to 1060 hPa

Notes:



CE 0197

- Do not use the device where it may be exposed to flammable gas.
- The documentation in accordance with EN60601-1-1-2:2001 is available.
- This device fulfils the provisions of the EC directive 93/42/EEC (Medical Device Directive).



= Warning: read the instruction manual carefully

Important information regarding Electro Magnetic Compatibility (EMC)

With the increased number of electronic devices such as PC's and mobile (cellular) telephones, medical devices in use may be susceptible to electromagnetic interference from other devices. Electromagnetic interference may result in incorrect operation of the medical device and create a potentially unsafe situation.

Medical devices should also not interfere with other devices.

In order to regulate the requirements for EMC (Electro Magnetic Compatibility) with the aim to prevent unsafe product situations, the IEC60601-1-2 standard has been implemented. This standard defines the levels of immunity to electromagnetic interferences as well as maximum levels of electromagnetic emissions for medical devices.

This medical device manufactured by OMRON Healthcare conforms to this IEC60601-1-2:2001 standard for both immunity and emissions.

Nevertheless, special precautions need to be observed:

- Do not use mobile (cellular) telephones and other devices, which generate strong electrical or electromagnetic fields, near the medical device. This may result in incorrect operation of the unit and create a potentially unsafe situation. Recommendation is to keep a minimum distance of 7 m. Verify correct operation of the device in case the distance is shorter.

Further documentation in accordance with IEC60601-1-2:2001 is available at OMRON Healthcare Europe at the address mentioned in this instruction manual.

Documentation is also available at www.omron-healthcare.com.



***Correct Disposal of This Product
(Waste Electrical & Electronic Equipment)***

This marking shown on the product or its literature, indicates that it should not be disposed with other household wastes at the end of its working life. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate this from other types of wastes and recycle it responsibly to promote the sustainable reuse of material resources.

Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take this item for environmentally safe recycling.

Business users should contact their supplier and check the terms and conditions of the purchase contract. This product should not be mixed with other commercial wastes for disposal.

This product does not contain any hazardous substances.

Disposal of this product and used batteries should be carried out in accordance with the national regulations for the disposal of batteries.

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Subsidiary	OMRON Medizintechnik Handelsgesellschaft m.b.H. Windeckstraße 81a, D-68163 Mannheim, Germany www.omron-medizintechnik.de
Subsidiary	OMRON SANTÉ FRANCE 14, rue de Lisbonne, F-93561 Rosny-sous-Bois Cedex, France
Manufacturer	OMRON HEALTHCARE CO., LTD. 24, Yamanouchi Yamanoshita-cho, Ukyo-ku, Kyoto, 615-0084 Japan 
EU-representative	OMRON HEALTHCARE EUROPE BV Kruisweg 577, 2132 NA Hoofddorp, The Netherlands www.omron-healthcare.com 

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