

CAUTIONS

- Only use to charge MAXAIR® Lithium Ion Batteries.
- Inspect charger for damage before every use.
- Do not use if damage is apparent.

WARRANTY

- U.S.A. only, new MAXAIR® SYSTEM battery packs are warranted for a period of one year from the date of invoice.
- This warranty does not cover damages caused by misuse or by failure to follow procedures outlined in these instructions or as demonstrated by the Bio- Medical Devices Intl representative.
- This warranty gives you specific legal rights which vary from state to state.



17171 Daimler Street
Irvine, CA 92614
800-443-3842
www.maxair-systems.com

P/N: 01423134 REV C



PRODUCT SPECIFICATION SHEET



**LITHIUM ION BATTERY CHARGER
REF 2600-01**

(COMPONENT OF THE MAXAIR® SYSTEM)
MANUFACTURED FOR BIO-MEDICAL DEVICES INTL

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GENERAL SPECIFICATIONS

MODEL No: 2600-01 ELECTRICAL OUTPUT ELECTRICAL INPUT
 PART No : 01432089 VOLTAGE: UP TO 16.8V VOLTAGE: 100-240 VAC,
 CURRENT: UP TO 0.9A 50-60Hz max
 CURRENT: 0.3A

CAUTIONS

- Inspect charger for damage before every use. Do not use if damage is apparent.
- This charger is designed for use with Lithium-ion batteries. For safety reasons, this charger must be used only for batteries which have the right number of cells in series: Output voltage divided by 4.1V or 4.2V.
- The product contains dangerous voltages and the cover should not be removed. All service or maintenance work should be carried out by qualified personnel who can get assistance by contacting the manufacturer's agent.
- A fuse protects the product against short circuiting and overloading.
- The fully charged battery may be left connected to the charger(s) for a short duration only. Do not leave any battery connected to a powered-on charger for longer than one month. Refer to MAXAIR SYSTEM User Instructional Manual (UIM) for further details regarding intermittent use and storage of batteries.
- If the battery charger is mounted in a vehicle it can only be used when the vehicle is not in use.
- If the product has plastic casing, avoid it coming into contact with oils, grease etc., as most types of plastic can be broken down by chemicals and solvents.

WARNING

- The charger has internal fuses which blow if a fault occurs in the charger. In addition, the charger is equipped with a fuse switch, which cuts off the unit in the case of reverse polarity connection to the battery. Such faults must be repaired by qualified service personnel.

SYMBOLS DEFINITION

- Read these instructions before using the charger.
- This product is designed for indoor use only and should not come into contact with water or dust. To prevent overheating the product should not be covered during use.
- The mains socket should be easily accessible. In the even of operational error, the plug should be immediately removed from the socket.
- In the event that the charger has this symbol on it, it is double-insulated (in insulation class II).
- If the product is labelled "EN60601-1" it complies with the requirements of electromedical equipment and can be used in hospital environments, etc. The product should not be used in the vicinity of flammable anaesthesia gases.
- UL Recognized Component Marks for Canada and the United States.
- Per Directive 2006/66/EC, collect and recycle batteries/ battery packs according to EU Member State regulations.

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CHARGING INSTRUCTIONS

1. Connect the charger (single and/or 5-Gang) to an appropriate wall grounded outlet power source (120-240 VAC, 50-60 Hz) before connecting to the battery(ies). The Charger green status LED should turn on.
2. Connect the battery (ies) to the charger(s). The Charger status LED should change from green to red to indicate the battery is charging.
3. When charging is complete, the Charger LED should change to green. Disconnect battery from charger. The battery is ready for use.

LED's INDICATE FOLLOWING CHARGE STATUS

Fast charge

- The charger is in constant current mode.
- Charge current is maximum.

Final charge

- The charger is in constant voltage mode.
- Charge current is less than maximum.
- The battery is normally 80-95% charged.
- The charger stays in this mode until the charge current decreases to charge termination level.

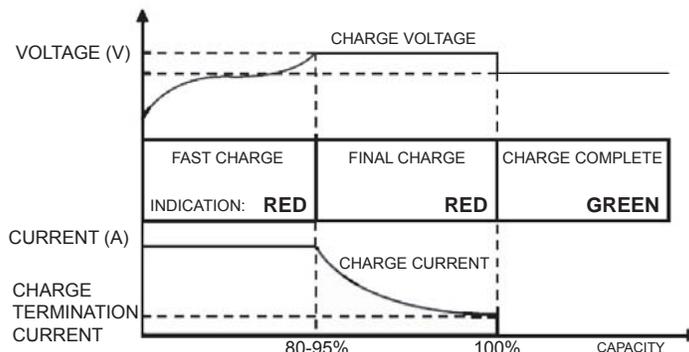


Charge completed

- The charge is stopped.
- Charge current is zero.
- LED-indicator changes to green.



CHARGING DIAGRAM



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