

**2601-06
6-Gang
Charger
(UL/CE)**

NOTE:
1 connected
battery
(NOT INCLUDED)
shown in photo.

**2601-06B
6-Gang
Charger Bracket
(for 2600-01 Chargers)**



WARNING

Use only if package is received unopened and package and contents are undamaged. If damage is noted, contact the shipper for replacement or repair.

Prior to using any MAXAIR System or component, be sure to be familiar with the systems' NIOSH approved configuration, and read and understand the User Instructions.

Failure to follow the User Instructions may be hazardous to the user's health.

The institution using this product in any application is responsible for determining the appropriateness of this equipment relative to regulatory requirements. Bio-Medical Devices Intl, Inc does not recommend the appropriate systems for a particular institution or facility.

DO NOT use if any component is damaged. If any components are damaged or contaminated and therefore unfit for safe and effective use, they should be replaced immediately.

Use only MAXAIR Systems/ NIOSH approved compatible components.

This product contains dangerous voltages. DO NOT attempt to open the product cover. This product contains no serviceable parts. DO NOT attempt to modify any component.

If you need more information, contact your BMDI sales representative or call BMDI customer service at 1-800-443-3842.

CAUTIONS

The chargers are only to be used with MAXAIR Systems Lithium-Ion batteries.

The chargers have internal fuses which blow if a fault occurs in the charger. In addition, they are equipped with a fuse switch, which cuts off the unit in the case of reverse polarity connection to the battery.

Do not leave any battery connected to a powered-on charger for longer than one month. Refer to MAXAIR Systems User Instructions Manual (UIM) for further details regarding intermittent use and storage of batteries.

The chargers have a plastic casing - avoid charger contact with oils, grease, etc. as most plastics can be broken down by chemicals and solvents.

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 event of operational error, the plug should be immediately removed from the socket.
- The charger is double-insulated (Class II).
- The product label "EN60601-1" indicates it complies with the requirements of electromedical equipment and can be used in hospital environments. The product should not be used in the vicinity of flammable anesthesia gases.
- UL Recognized Component Marks for Canada and the United States.

Intended Use

The MAXAIR Systems 6-Gang UL/CE Charger (2601-06) and Charger Bracket (2601-06B) are intended for use only when charging MAXAIR Systems' Lithium-Ion Batteries.

The 6-Gang Charger includes six 2600-01 UL/CE Chargers and is capable of charging up to six MAXAIR Systems' Lithium-Ion batteries simultaneously.

The Charger Bracket requires from one to six MAXAIR 2600-01 Chargers to be assembled (instructions below) with it to allow charging of from one to six MAXAIR Lithium-Ion batteries.

Description

The 6-Gang Charger is fully assembled and ready to charge one to six MAXAIR Lithium-Ion batteries by plugging it into a properly grounded 110 VAC mains line.

The 6-Gang Charger kit requires the addition of one to six MAXAIR 2600-01 Chargers, and then is similar to the 6-Gang Charger.

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

CHARGING INSTRUCTIONS

1. Connect the charger (single and/or 6-Gang) to an appropriate grounded outlet power source (100-240 VAC, 50-60 Hz) before connecting 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.

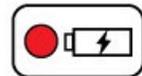
LED's INDICATE FOLLOWING CHARGE STATUS

Fast charge—LED indicator is red

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

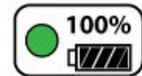
Final charge—LED indicator is red

- 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.

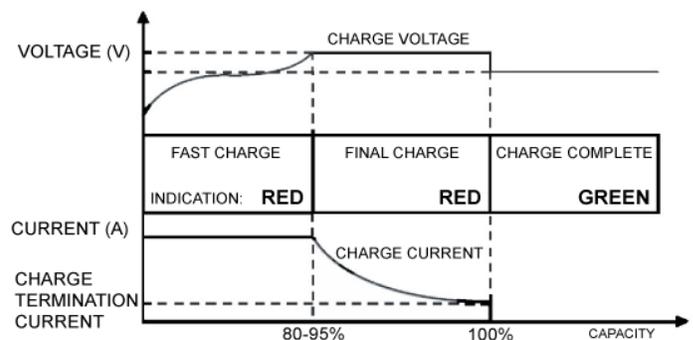


Charge completed—LED indicator is green

- Charging has stopped.
- Charge current is zero.
- LED indicator changes to green.



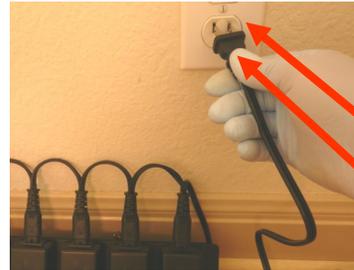
CHARGING DIAGRAM



2601-06 6-Gang Charger, UL/CE - Fully Assembled



A. The 6-Gang Charger ships fully assembled with six 2600-01 chargers. Screws for mounting on a cart, and anchors for mounting on a wall are included as options.



B. When ready to charge, connect the Gang Charger power cord to an appropriate mains supply.

Mains supply
 Gang Charger Power Cord



Charger LED

C. Connect from 1 to 6 MAXAIR Li-Ion 2000-36/2000-30 batteries to the charger. If the battery needs charging the Charger LED will turn red. It will turn green again when the battery is ready for use. If it remains green, the battery is ready for use.

2601-06B 6-Gang Charger Bracket - Requires one to six 2600-01 Chargers

Assemble from 1 to 6 MAXAIR Systems 2600-01 Chargers to the Gang Charger Bracket



Charger Clip



Clip Seat



D. Hold the bracket securely in one hand with the charger clips towards the top. Begin sliding a 2600-01 Charger into an empty charger clip, with battery connection cord towards the top.

E. Continue pushing Charger down into Charger Clip towards the Clip Seat.

F. Charger is fully assembled on the Bracket when it is fully against the Clip Seat.
NOTE: Chargers may be inserted as shown or opposite, top to bottom.



G. Connect one of the six extensions of the Charger Power Cord securely to the Power Cord Connector on one Charger.

H. Repeat steps D.-G. for each additional Charger to be installed on the Charger Bracket.

I. With the Charger Bracket fully assembled with the desired number of chargers (one to six) proceed to mount the charger in the desired location. Screws for mounting on a cart, and anchors for mounting on a wall are included as options.

When fully assembled and mounted, follow steps A.- C. for use (above).