



THE POWER OF **CONNECTED**

# **MB4-BAT-SCN02/ MB12-BAT-SCN02**

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**Multi-Bay Battery Charging Station**

## **Quick Start Guide**

## Overview

The MB4-BAT-SCN02 and MB12-BAT-SCN02 are multi-bay battery charging stations for use with BAT-SCN02 and BAT-SCN03 batteries.

- The BAT-SCN02 high capacity lithium ion battery (3.8V, 2160mAh) powers the 8680i for 8000 scans and 10 hours.
- The BAT-SCN03 standard capacity lithium ion battery (3.7V, 1150mAh) powers the 8680i for 3000 scans and 8 hours.

Batteries are not fully charged when shipped. The battery should be charged for a minimum of 4 hours at room temperature before initial use to ensure optimal performance.

## Unpack your charging station

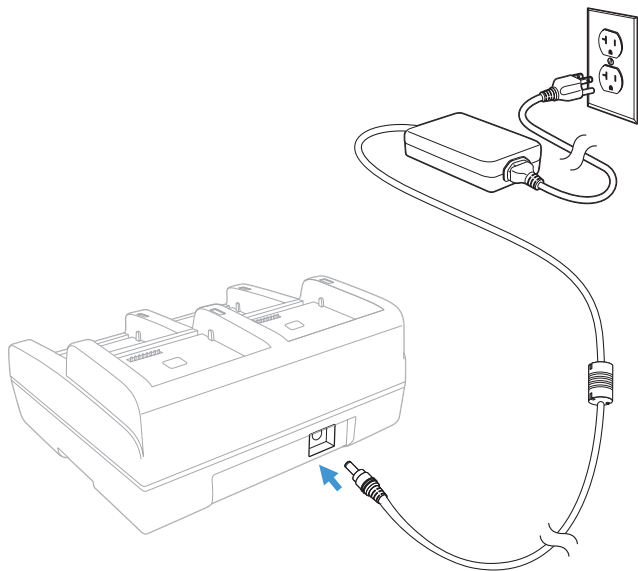
After you open the shipping carton containing the product, take the following steps:

- Check for damage during shipment. Report damage immediately to the carrier who delivered the carton.
- Make sure the items in the carton match your order.
- Save the shipping container for later storage or shipping.

## Power

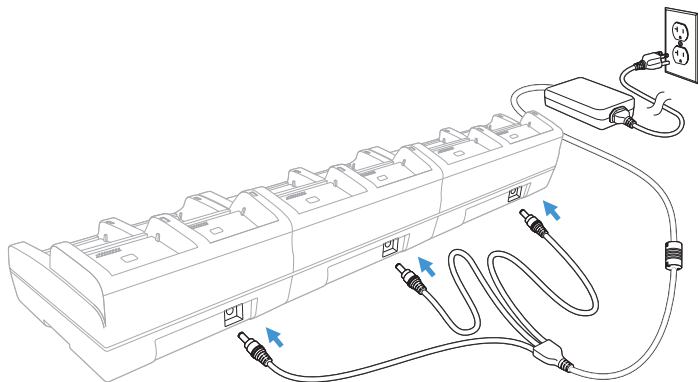
### MB4-BAT-SCN02:

Use only a UL Listed power supply, qualified by Honeywell, with an output rated at 12VDC and 3A with the device. The power supply input rating is 100-240V, 50/60Hz. The operating temperature is 41°F to 104°F (5°C to 40°C).



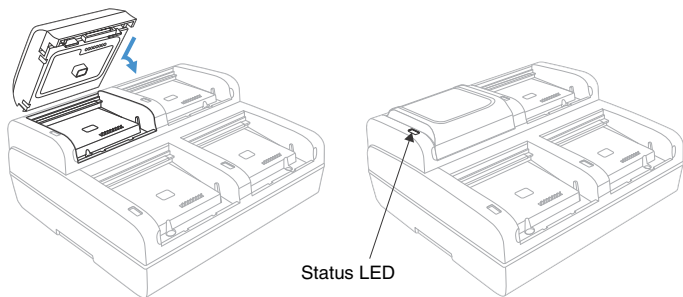
## MB12-BAT-SCN02:

Use only a UL Listed power supply, qualified by Honeywell, with an output rated at 12VDC and 8.5A with the device. The power supply input rating is 85-264V, 47/63Hz. The operating temperature is 41°F to 104°F (5°C to 40°C).



## Charging a Battery

Line the battery's contacts up with the contacts on the charging pocket. Firmly press the battery into the battery charging pocket. The LED to the left of the pocket lights up in an amber color when the battery is properly inserted.



It is important that batteries are inserted into the charging pocket correctly. Inserting the battery incorrectly could result in damage to the battery or the charger.

When a battery is placed in a charging pocket, the charger begins charging the battery. There is a slight delay while the charger evaluates the condition of the battery before charging begins. While charging, the amber LED on the battery charger indicates the battery is charging. A green LED indicates the battery has been fully charged and can be removed.

## Status LED



**Ensure all components are dry prior to mating batteries with peripheral devices. Mating wet components may cause damage not covered by the warranty.**

Each charging slot has a dedicated status LED located to the left of the slot.

LED Status	Indicates
Amber solid	The battery is properly seated in the slot and is charging.
Green solid	The battery is fully charged.
Red blinking	Battery fault.
Red solid	Temperature error.
Off	No battery is installed or the battery is improperly installed.

The charger should be on a dry, stable surface and can be mounted on a flat, horizontal surface such as a desktop or workbench. When choosing a location, always keep in mind:

- The mounting location must allow users easy access to the power connector.
- The charger should be oriented so that users can easily insert and remove battery packs and see the LEDs.

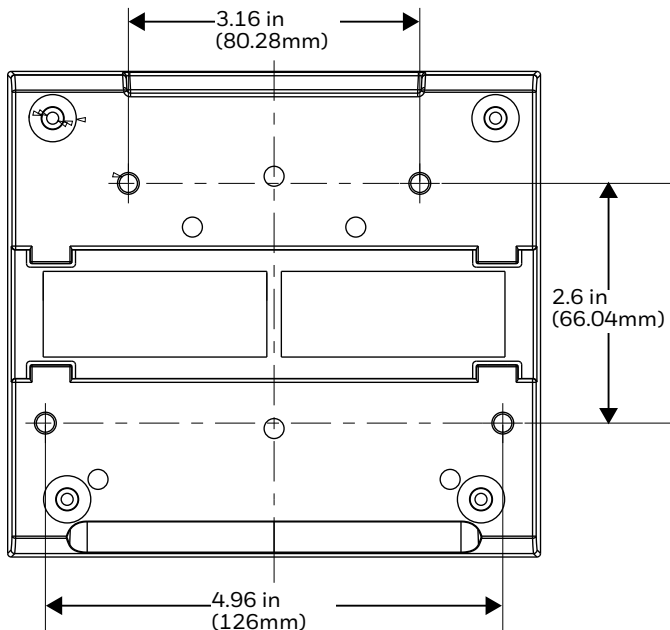
## Mount a 4-Bay Battery Charger

**Note:** *Mounting information applies only to the 4-bay MB4-BAT-SCN02 battery charger. It does not apply to the 12-bay MB12-BAT-SCN02 battery charger.*

The 4-bay battery charger can be mounted to a flat surface, or to a DIN rail for a multi-bay charge rack installation.

## Option 1

Use the four SL-B M3.5 x 8 screws to mount the charger to a flat, horizontal surface.



## Option 2

The DIN rail slot on the bottom panel enables secure mounting to a charge rack.

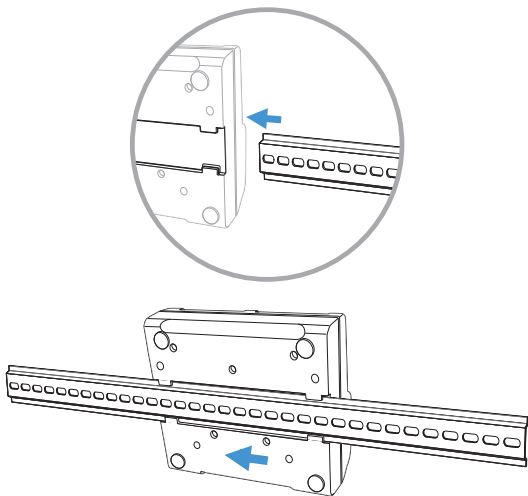


## Hardware Required

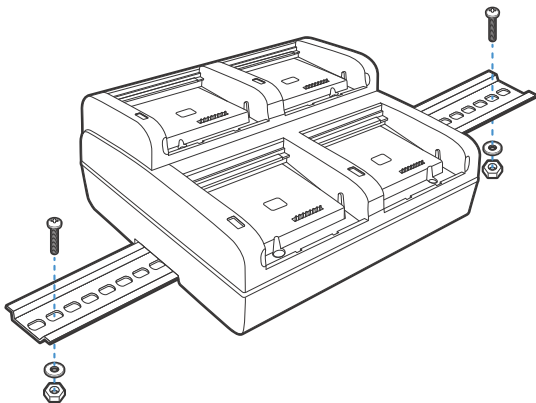
- DIN rail
- 3/16 in. dia. x 5/8 in. long pan head screw
- 1/2 in. OD x 7/32 in. ID x 3/64 in. thick flat washer
- 3/16 in. dia. nut

## Installation

1. Slide the DIN rail into the DIN rail slot on the bottom of the charging station.



- Using the appropriate hardware listed above, secure the DIN rail to the charge rack.



## Cautions and Warnings



**There is a danger of explosion if the batteries are incorrectly replaced. Use only Honeywell lithium ion battery packs, model numbers BAT-SCN02 or BAT-SCN03 in this device. Use of any non-Honeywell battery may result in damage not covered by the warranty. Dispose of used batteries according to the recycle program for batteries as directed by the governing agency for the country where the batteries are to be discarded.**



**Use the provided AC power supply only. Using any other type of AC power supply is prohibited.**

Do not disassemble or perform modifications to the charging station. There are no user serviceable components in the charging station.

## Battery Recommendations

- The battery is a lithium ion cell and can be used without a full charge, and can also be charged without fully discharging, without impacting the battery life. There is no need to perform any charge/discharge conditioning on this type of battery.
- Replace a defective battery immediately since it could damage the scanner.
- Do not leave the battery in a non-operating charger. The battery may discharge through the charger rather than hold its charge.
- Although your battery can be recharged many times, it will eventually be depleted. Replace it after the battery is unable to hold an adequate charge.
- If you are not sure if the battery or charger is working properly, send it to Honeywell International Inc. or an authorized service center for inspection.

## Safety Precautions for Lithium Batteries

- Do not place batteries in fire or heat the batteries.
- Do not store batteries near fire or other high temperature locations.
- Do not store or carry batteries together with metal objects.

- Do not expose batteries to water or allow the batteries to get wet.
- Do not connect (short) the positive and negative terminals, of the batteries, to each other with any metal object.
- Do not pierce, strike or step on batteries or subject batteries to strong impacts or shocks.
- Do not disassemble or modify batteries.

## Support

To search our knowledge base for a solution or to log into the Technical Support portal and report a problem, go to [www.hsmcontactsupport.com](http://www.hsmcontactsupport.com).

## User Documentation

For the user guide and other documentation, go to [www.honeywellaidc.com](http://www.honeywellaidc.com).

## Limited Warranty

For warranty information, go to [www.honeywellaidc.com](http://www.honeywellaidc.com) and click **Get Resources > Product Warranty**.

## Patents

For patent information, see [www.hsmpats.com](http://www.hsmpats.com).

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