

## Regulatory Information

All American Microsystems, Ltd. devices are designed to be compliant with rules and regulations in locations they are sold and will be labeled as required. Any changes or modifications to American Microsystems, Ltd. equipment, not expressly approved by American Microsystems, Ltd., could void the user's authority to operate the equipment.

### Power Supply

Use only an American Microsystems, Ltd. approved Power Supply, output rated 12 VDC and minimum 5A. The Power Supply is certified to EN60950.

### Disclaimer

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**FC** FCC Declaration of Conformity  
 Product Name: 4-Position Battery Charger  
 Model Number: ACC-7037

### Radio Frequency Interference Requirements

This equipment complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This equipment may not cause harmful interference, and (2) this equipment must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a residential environment. This equipment generates uses and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If you determine the equipment does cause harmful interference to radio or television reception (this may be determined by monitoring the interference while turning the equipment off and on), you are encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio or TV technician for help.

### Radio Frequency Interference Requirements - Canada

This Class A digital apparatus complies with Canadian ICES-003.  
 Cet appareil numérique de la classe A est conforme à la norme NMB-003 du Canada.

### Marking and European Economic Area (EEA)

**CE** Products intended for sale within the European Union are marked with the CE mark which indicates compliance to applicable Directives and European Norms (EN), as follows. Amendments to these Directives or EN's are included.

- Electromagnetic Compatibility Directive 89/336/EEC
- Low Voltage Directive 73/23/EEC



Safety NOM / NYCE-NOM-001-SCFI-1993  
 Electronic Apparatus: Household electronic apparatus powered by different sources of electrical energy.

## 4-Position Battery Charger



# User's Guide

## Introduction

The ACC-7037 4-Position Battery Charger charges up to four, M7100 Li-Ion batteries. This allows batteries to be quickly changed at the end or beginning of work-shifts, assuring the user a freshly charged battery. The charging time for a fully depleted battery pack is approximately 2 hours.

## About This Guide

This guide provides instruction on setting up and using the ACC-7037 4-Position Battery Charger.

## Set Up

Setting up the charger includes unpacking, connecting the power cable, and placing the charger on a tabletop.

## Unpacking the Charger

The shipping box includes the following:

- One ACC-7037 4-Position Battery Charger
- One PWR-7160 Power Supply
- One 120 VAC Power Cable (or country specific)
- This User's Guide.

If any parts are missing or damaged, contact your authorized Customer Support Representative immediately. Save the shipping box for storing or shipping.

## Connecting the Power

The PWR-7160 power supply is included with the ACC-7037 4-Position Battery Charger. If a country-specific AC power supply is required, please contact your authorized Customer Support Representative.

Use only an American Microsystems, Ltd. approved power supply; output rated 12 VDC and a minimum of 5 Amps. The power supply connects to the ACC-7037 by a 2.1 mm x 5.5 mm barrel connector, center positive.

## To connect power to the charger:

1. Connect one end of the Power Supply Cable to the Power Connector on the side of the charger.
2. Connect the other end of the Power Supply AC to a standard electrical outlet.
3. The indicator LEDs should turn GREEN to indicate that power is available.

## Charging

Turn OFF the M7100 terminal when removing the battery. Place the battery with metal contacts facing downward into an open charging position. The battery begins to charge as soon as it is inserted.

## Indicator Lights

LED Color	Description
OFF	No power is supplied to charger
GREEN	If no battery is present in the charging position, green indicates that there is power available. If a battery is present in the charging position, green indicates that the battery is fully charged.
RED	Battery is present in the charging position and is being charged.

## Troubleshooting

Symptom	Cause	Suggested Action
LED does not light when the charger is powered on.	Charger is not receiving power.	Make sure the power supply is securely connected and receiving power.
LED stays GREEN when the battery is inserted.	Battery not seated firmly in the charging position, or battery is damaged. OR, battery is fully charged (OK).	Make sure the battery is properly seated. Second, test the battery by inserting it into an M7100. If the M7100 doesn't power on, then the battery is defective.
LED stays RED for more than 4 hours.	Battery is faulty and cannot be charged.	Replace battery with an AML approved battery.