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**MQC-1821B  
Li-ion Charger**

**Operating  
Instructions**

## Features

- Fully Automatic
- Charge status indicator.
- Lightweight and small.
- Desktop unit.
- Safely charges Molicel MCR1821 Lithium-ion battery packs.
- Typical charging time, 4-5 hours (MCR1821J).

## Powering the Charger

- The charger unit should only be powered by the AC adapter supplied with the unit. The rating for the AC adapter is 9 Volt, 700 mA.
- Simply plug the AC adapter into a standard wall outlet.
- Plug the output plug of the AC adapter into the back of the charger as identified on figure 1.
- When power is correctly applied, the status indicator will be green.

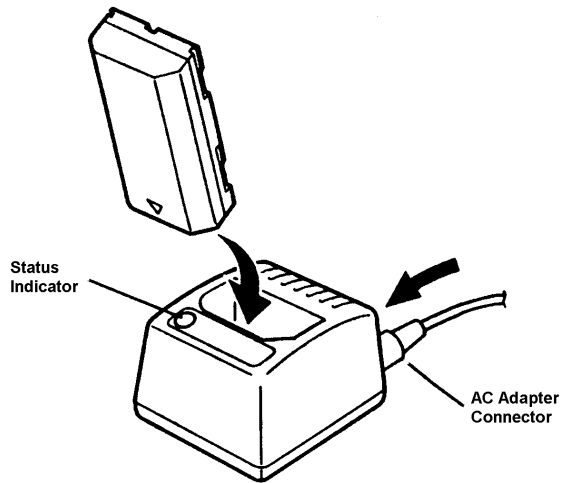


Figure 1

## Charging Batteries

- The operation of the charger is fully automatic.
- Simply place the battery pack into the charger pocket as displayed in figure 1. Ensure that the two gold contacts on the pack are placed face down into the charger pocket.
- The status indicator will change to red to indicate that the charger is charging the battery.
- When the battery is fully charged, the status indicator will be green.
- The status indicator flashing indicates the operating temperature is out of range.

## Safety Cautions

- Only use the charger for charging Molicel, MCR-1821 lithium-ion rechargeable battery packs.
- Although the charger may become warm during charging, this is normal and presents no danger.
- Do not cover the vents holes in the back of the charger.
- For indoors use only. Do not operate around sources of moisture.
- Not recommended for use with Molicel, MCR-1821C batteries.

## Specifications

<b>Input requirements:</b>	9.2 – 12 VDC @ 600 mA min.
<b>Charge output:</b>	8.4 VDC @ 550 mA max.
<b>Battery type supported:</b>	MCR-1821 Molicel
<b>Short circuit protection:</b>	Built-in protection against accidental shorting of output contacts
<b>Operating Temperature:</b>	10°C (50°F) to 45°C (112°F)
<b>Weight:</b>	75g
<b>External Dimension:</b>	69 mm (W) x 46 mm (H) x 61 mm (T)
<b>Approvals:</b>	Charger CE Adapter UL, ULC