



# A 0280 Alkaline NiMH AA/AAA Battery Charger

Please read the following instructions carefully before connecting charger to mains power.

## OVERVIEW

This latest generation, microprocessor controlled battery charger allows you to recharge standard alkaline batteries up to 20 times. In turn, it helps to reduce the money you spend on batteries and the environmental impact from disposed batteries in landfills. It's also suitable for NiMH cells, making it a true "do-it-all" charging solution for AA or AAA size batteries. To ensure cells (and the charger) is not damaged, several protective features are inbuilt, including a 4 hour automatic timer, over temperature protection & automatic cutoff when charged. 100-240V operation.

## FEATURES

- Recharge standard alkaline cells up to 20 times
- Also suits NiMH cells
- Maximum cell capacity 2700mAh
- Charges 2 or 4 x AA or AAA batteries at once
- Automatic cut-off after 4 hours or charge completion
- Over temperature protected
- LED indicators
- Includes mains lead
- Universal 100-240V AC operation (ie suitable for overseas use).

## OPERATION

1. Plug in the power cord to the charger socket on the bottom of the unit.
2. Connect the power cord to a mains power outlet. The front panel LED indicators will flash red and then green. The green LEDs will remain on indicating unit is in standby mode.
3. Place the batteries into the charger ensuring polarity is correct ie: positive (+) to positive (+), negative (-) to negative (-). The charger has 4 individual charging circuits and can charge a 1, 2, 3 or 4 batteries at once. **DO NOT MIX BATTERY TYPES CHARGER MAY MALFUNCTION IF A COMBINATION OF AA AND AAA BATTERIES ARE CHARGED AT THE SAME TIME.**
4. If the battery voltage is too low or in poor condition the LED indicator will turn off. When battery is removed the green LED indicator will illuminate again.
5. While batteries are charging the LED indicator will illuminate red.
6. Once batteries are charged the LED indicator will flash 5 times and then enter standby mode, cutting the charge current to the battery. Charging time is approximately 4 hours from flat condition.

## CHARGING CONDITIONS

It is normal for the battery temperature to increase during the charging process, however the charger will cut power when temperature exceeds a fixed limit. This protects the charger from damage in case cells leak.

**Over temperature:** Green and red LED indicators will flash 5 times repeatedly until temperature drops back to normal.

**Batteries are knocked out of charger:** If batteries are inadvertently knocked out of the charger the green LED indicator will flash once and then switch off, indicating charging circuits have been shut down.

To reset the charger back to standby mode after this condition, you must disconnect the power cable and reconnect it. All 4 charging circuits will reset with a green LED indicator on.

**Charge completion:** Circuit will cut off automatically ensuring battery cells are not damaged from overcharging.

## CAUTIONS

- This charger is **ONLY** suitable for charging Alkaline & NiMH batteries. Other types such as carbon-zinc and NiCD are not suitable.
- Do not attempt to charge batteries which are old or have not been used for a long period. This could result in overheat conditions or battery cell leakage. It is recommended you use the charger with quality Alkaline batteries that have been recently purchased & discharged.
- Once charging is complete, disconnect the charger from the mains power and remove batteries from the charger.
- Ensure batteries are stored in a non-conductive container and located in a cool, dry area.
- This charger is only suitable for charging indoors. Ensure it is not stored or operated in an area where it may be exposed to direct sunlight, rain, snow or excessive dirt.
- Do not place objects on top of charger while it is operating.
- Do not disassemble charger, no user servicable parts inside. For repair, please return to your place of purchase.
- This unit is primarily designed for domestic use. This appliance is not intended for use by young children or infirm persons without supervision. Young children should be supervised to ensure they do not play with the appliance.

## SPECIFICATIONS

Input: .....100-240V ac 50/60Hz 6W  
Fuse Rating:.....1A 250V ac  
Output Voltage: .....1.7V dc x 4  
Maximum Output Current: .....350mA x 4  
Dimensions: .....118 x 71 x 30mm