

Promo Eco-Charger - EC-586 USB Alkaline Battery Charger

A. Introduction

The Promo Eco Charger is the product of many years of research and development. Components used are of international standards and will allow you many years of problem free usage.

B. This Unit Charges Regular Disposable ALKALINE Batteries

- Together we can reduce the volume of wasted batteries discarded into landfills.
- This battery charger can charge used Alkaline / Ni-MH batteries / Ni-Cd batteries.
- Patented in Taiwan, China, Japan, USA, Germany and Australia with other major markets in progress.
- Please read through and follow the instructions before using the product. We offer one-year warranty under normal use. A free repair service is offered within the one year warranty period.
- Exceptions to warranty claims:
 - ▶ Misuse of this charger: For example if the product is damaged by a leaking battery chemical substance due to old, broken, rusted or non-active batteries.
 - ▶ Damage or malfunction of the product caused by natural disasters such as fire, earthquakes, typhoons or hurricanes, floods, lighting, abnormal voltage and damages caused by mice, insects or improper storage e.g. environment/surroundings etc.
 - ▶ Damages caused by the product being dropped, soaked or abused after purchasing.
 - ▶ Damages due to disassembly, modification, maintenance or repair by any unauthorized parties.

C. Functions and Features

- Applicable to AA and AAA Alkaline / NIMH / Ni-CD batteries (2700mAh max rated capacity of each battery that can be charged)
- Individual charging circuit for each battery to be charged (single Battery Charging is possible), and is able to charge up to two batteries simultaneously.
- Easy LED indicators
- Micro-processor chip controlled system to automatically detect charge process and temperature to prevent over charging.
- Safety charging time (4 hour automatic cut-off)
- Automatic cut-off system after charging completed
- Automatic cut-off system when batteries fall out
- Automatic cut-off system to prevent battery overheating
- Fool proof against misplacement of batteries in wrong poles.

D. How to Use

- Plug the USB cord into USB outlet on PC or wall adapter with USB output.
- Connect the mini USB side of cord to Battery Charger. The LED indicator will flash between RED and GREEN twice; it will then turn off indicating the charger is ready to accept batteries.
- Insert the batteries into the charger ensuring poles are connected correctly. Close the lid to ensure batteries cannot fall out of the charger
- The LED's will react upon inserting battery. **LED indicator description:**
 - ▶ **If any LED indicator remains off when the battery is inserted** - It indicates the battery is old or the remaining voltage in battery is too low to be charged. This battery should be discarded in an eco friendly manner.
 - ▶ **LED indicator flashes Green 5 times and then remains Green (Standby mode)** - This indicates battery is new or fully charged, remove from the charger and store for future use.
 - ▶ **If the Red LED illuminates** - This indicates battery is being charged. (It's normal for the temperature of the batteries to rise during charging process)
 - ▶ **If the LED indicators flash Red then Green 5 times during charging** - This indicates the battery temperature has risen too much; the charger will automatically stop charging. Charging will resume once the temperature has dropped to within normal range.
- Normal charging time is 4 hours. After charging the Green LED will flash 5 times and then remain on (standby mode), this indicates battery is fully charged. Remove and store in a manner that ensures the poles do not touch other batteries or metal.

E. Caution

- Read the instructions carefully before use
- This charger only recharges Alkaline, Ni-MH or Ni-CD batteries. Never charge Carbon Zinc Batteries or any other type of battery not specified. If you are unsure of the type of battery do not recharge it.
- Do not recharge old, damaged, leaking or rusted batteries. We recommend only charging batteries that appear to be in good condition.
- Good quality brand name alkaline batteries will give far better charging results than cheap no name batteries. Cheap batteries are often supplied with electronic goods such as remote controls, we recommend not recharging these batteries.
- Do not expose the charged to moisture, extreme temperatures or any other adverse conditions that may result in the charger being damaged
- Children should only use this charger under adult supervision

F. LED Indicator Description

- **Power on** - LED Flashes RED and GREEN twice; it will then remain off.
- **Charging Mode** - RED LED remains illuminated
- **Charge Completed** - LED indicator flashes GREEN 5 times and then remains GREEN
- **New or Fully charged batteries** - LED indicator flashes GREEN 5 times and then remains GREEN
- **Damaged or old unsuitable batteries** - LED will remain off when battery is inserted
- **Battery overheating** - LED will flash alternating between GREEN and RED

G. Product Specification

Model Number	Promo Eco Charger EC-586
Input Voltage	USB DC5V, 500mA
Output Voltage	DC 1.7V x 2
Max Output Current	350mA x @
Dimensions (L x W x H)	107mm x 46mm x 35mm