



## TA09030

# Intelligent 4 Way Battery Charger Instruction Manual

The Venom battery charger charges NiMH or NiCD AA or AAA batteries. It uses intelligent charging to monitor battery voltage in real time. It uses pulse current charging to ensure the best charging effect of NiMH and NiCD batteries.

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### Features

It features triple voltage detection to optimise charging which ensures maximum life and protection for your batteries:

- Battery negative voltage detection: During charge, the battery is given a charge and then the voltage is measured, this process is repeated until the battery reaches 1.45V; If the battery voltage decreases less than 3mV the battery is full and the charging process stops.
- Battery zero-growth voltage detection: When the battery voltage is greater than or equal to 1.45V, it will enter the zero-voltage growth detection. If this voltage is unchanged for 40 minutes, the charging will stop.
- Maximum voltage limit: To protect damaged or lower quality batteries, the charger will limit the battery voltage to 1.53V.
- Charging time limit: To protect damaged or lower quality batteries, the charger will limit charging time to 10 hours.
- Independent intelligent micro-controlled

- charge and monitoring of each of the 4 charging slots.
- One RED and GREEN bi-colour LED in each slot for instant display of charge status.
- Can charge between 1 to 4 AA or AAA NiMH/ NiCD batteries.
- Reverse battery protection, short circuit protection.

### Technical parameters

Input: 110-230V~, 50/60Hz, 0.35A Max.

Output: 1.4VDC, 0.33A x4

Compatible with: NiMH / NiCD : AA, AAA

Charging Indicators: RED: Charging.

GREEN: Power on or fully charged.

### Instructions for Use

- Plug into any UK mains supply.
- Turn on the power; 4 charge status LEDs momentarily glow RED then remain glowing GREEN to show power is available.
- Place the batteries in, observing polarity into the charge slots.
- After each battery is installed the charge LED will change to RED indicating the charge process has started
- After the battery is fully charged, the LED will turn GREEN.
- Remove batteries from charge and switch off after use.

### Warnings

- This product is designed for charging NiMH/NiCd batteries. If other batteries are charged, it may cause battery to burst or leak, personal injury or property damage.
- This charger is designed for indoor charging. Do not expose it to water or moisture.
- Do not disassemble or modify the charger.

### Precautions

- Do not drop the charger or place heavy objects on it.
- Children must use this charger under the supervision of an adult.
- The charger must be used within the temperature range of 0 °C - 35 °C
- Do not cover the charger during use as it may overheat

### Care of your Charger

- Clean with dry cloth or brush
- Do not use water or detergents

### Warranty

This product is guaranteed for a period of 1 year from the date of purchase under a Limited Warranty Agreement. During this period, if there is a defect due to faulty materials or workmanship, the retailer from whom you purchased it will replace it with the same or a similar model on production of your purchase receipt or proof of purchase. This guarantee does not cover defects arising from accidental damage, misuse or wear and tear, and is available only to the original purchaser of the product. This does not affect your statutory rights.

### Helpline Information

The helpline is a one-to-one service available between the hours of:

Monday to Friday: 9.00am - 4.00pm

Tel: +44 (0) 1763 284181

Solution House, Sandon Road, Therfield, Hertfordshire, SG8 9RE

Email: [contact@venomuk.com](mailto:contact@venomuk.com)

Website: [www.venomuk.com](http://www.venomuk.com)

To ensure that your call is handled quickly and efficiently, please ensure you have the model number (TA09030) and any other relevant information regarding your product to hand at the time of your call. Please retain these instructions for future use.

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UK  
CA