

TENERGY



TN438

16-Bay LCD Smart Battery Charger For AA/AAA NiMH /NiCd Battery

Please carefully read the instructions
before using.

INSTRUCTION MANUAL

Specifications

- Input: 12V --- 2.0A
- Output: AA 1.2V 500mA per channel
AAA 1.2V 250mA per channel
- Discharging current: 200-300 mA
- Applicable battery type:
 - AA/AAA NiMH rechargeable batteries.
 - AA/AAA NiCd rechargeable batteries.

Features

- Suitable for 1- 16pcs AA/AAA NiMH/NiCd rechargeable batteries.
- Advanced IC/-Delta-V control function.
- Over-heat, Over-current, Short-circuit protection.
- 16 individual charging channels
- LCD screen indicates individual charging status.
- Bad battery detection



LCD Indicator

LCD Indicator	Status
	Charging
	Discharging
(Solid)	Fully charged
(Flashing)	Charging in progress

Charging Time Table

Battery Capacity	Charging Time 1-16PCS
AAA 700mAh	approx:3.7hrs
AAA 800mAh	approx:4.2hrs
AAA 900mAh	approx:4.7hrs
AA 1000 mAh	approx:2.6hrs
AA 1600 mAh	approx:4.2hrs
AA 2000mAh	approx:5.2hrs
AA 2500mAh	approx:6.5hrs

The charging time is just for reference, and other battery capacities can be calculated in the same way.

Operating Instructions

1. Insert 1 to 16 pcs AA/AAA NiMH/NiCd rechargeable batteries into the battery compartment.
2. Make correct contact for polarity (+ and -) according to the sign in the battery compartment.
3. LCD screen indicates the charging process.
4. Remove batteries and unplug the charger after charging.

Best Used At



Caution

- Do not disassemble charger.
- Do not charge other types of battery chemistry. This may cause explosion and/or charger failure.
- Charger is only intended for indoor usage and should be kept away from high temperature areas.
- Keep charger away from humid surroundings and keep away from liquid
- Should be placed out of reach of children
- Charger may not be able to fully charge batteries that have not been used for long periods of time. Several cycles of charging and discharging will improve batteries' performance.