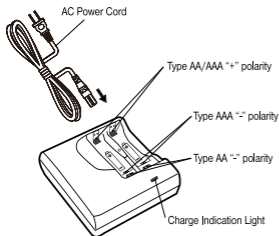


## AA/AAA Charger: NiMH Model: MDR02

Thank you for purchasing this SANYO product. Please carefully read and understand these instructions for safe operation and use. Keep this instruction manual on hand for future reference.



### OPERATING INSTRUCTIONS

#### HOW TO CHARGE

1. Insert the batteries. Make sure to align the "+" and "-" terminals of the batteries with those of the charger.
2. Connect the AC power cord connector to the charger and insert the plug into an electrical socket.
  - Check if the charge indication light is lit.
3. The charge indicator lamp will turn off when charging is complete.
  - The lamp will turn off when batteries are completely charged.
  - See "Specifications" for the charging times.
  - If charging is still incomplete after 6 hours of charging, stop charging.
4. After charging is done, unplug the AC power cord from the outlet and remove the batteries.
  - Please do not pull out and reinsert batteries when charge indication light is on. The reinserted battery may not charge properly.

#### RECOMMENDED USAGE TEMPERATURE RANGE

- Discharging (while using): -5 to 50 °C (envelop and type AA battery) or 0 to 50 °C (type AAA except envelop)
  - Charging: 0 to 40 °C
  - Storage: -20 to 30 °C
- The life and properties of the batteries deteriorate if used out of the above ranges.

#### HOW TO SEE THE CHARGE INDICATION LIGHT

- ON: Charging normally.
- OFF: Remove the battery and use for the electric device.
- Does not turn on: Please make sure all steps in manual were followed.
- Blinking about every 2 seconds: Charge at an ambient temperature range of between 0 and 40 °C.
- Blinking about every 0,5 seconds: Incorrect battery mode.

### SPECIFICATIONS - MODEL: MDR02

Input power supply	100 - 240 V AC, 4 W 50 - 60 Hz
Output	1.2V DC AA 550 mA (x2) AAA 380 mA (x2)
Size	70,5 × 74,5 × 29,5 mm
Weight	Approx. 72 g (with no batteries mounted)
Usage temperature	0 to 40 °C

Suitable Batteries	Charging Time
Ni-MH battery envelop	
AA HR-3UTG (min. 1900 mAh)	Approx. 230 minutes
AAA HR-4UTG (min. 750 mAh)	Approx. 135 minutes

### NOTES ON BATTERY AND CHARGER USAGE

**DANGER!** signifies danger which may result in serious injury or death.

- This charger is used for Ni-MH batteries.
- For optimum performance use SANYO batteries.
- Do not insert the batteries with their + (positive) and - (negative) terminals reversed.
- Do not solder lead wire or terminals directly onto the battery or attempt to modify the battery.
- Do not connect the + (positive) and - (negative) terminals together or allow the battery terminals to make contact with metals such as necklaces and hairpins.
- Do not connect the batteries directly to a power outlet or cigarette lighter of a vehicle.
- Never expose to extreme heat or fire.
- If any liquid from the battery gets into your eyes, promptly wash it out with clean water and consult your doctor at once.
- Batteries should not be used in underwater lighting or sealed electronic devices.

**WARNING!** indicates items or action that may cause serious injury or death.

- Stop charging once the specified charging time is reached.
- Never allow batteries to come in contact with or be immersed in water.
- Do not connect more than 20 batteries together.
- Stop using batteries immediately if you notice anything wrong with them such as leakage, color change or deformity.
- Keep out of reach of infants. Children may use only under strict parental supervision.
- If any liquid from the battery gets onto skin or clothing, promptly rinse with clean water.
- Do not subject the battery to strong shocks.

**CAUTION!** indicates items or actions, which may result in damage or personal injury.

- When using 2 or more batteries in a device, make sure they were charged simultaneously.
- Please dispose of this equipment at your local community waste collection/recycling centre. Failure to comply with the above warnings may cause electric shock, battery damage/leakage, overheating, explosion, or fire and can result in severe personal injury and/or damage to property.