Ultra-Fast Ni-MH & Ni-Cd Battery Charger

This charger is designed to charge Nickel-Metal-Hydride or Nickel-Cadmium AA, AAA size rechargeable batteries. Please note that this charger must not be used for Alkaline, Carbon Zinc, Lithium or any kind of battery other than Nickel Metal Hydride or Nickel Cadmium.

Features:
- Recharges 2 pieces or 4 pieces of AA & AAA Ni-MH/Ni-Cd batteries at a time.
- Powered by the supplied AC Adaptor (SMP-1000A012) when using at home/Office or by the supplied DC Car Adaptor when using in a vehicle.
- Batteries life well protected by –dV detection and timer protection.
- Automatic charging current selection for size AA and AAA.
- LED display for rapid charge/trickle charge/bad cell detection
  Red LED – rapid charge ; Green LED – trickle charge ; Flashing Red LED – Cells are not suitable for charging.

Safety features :
- –dV cut-off function
- Safety timer to prevent over charge
- Temperature sensor

OPERATION INSTRUCTIONS :

1. Slide the switch to select the number of battery to be charged. For charging 2 cells, set the switch to position “2” For charging 4 cells, set the switch to position “4”.

2. Insert 2 or 4 pieces of AA/AAA rechargeable Ni-Cd/Ni-MH batteries into the battery compartment; battery must be charged in pairs. For charging only 2 cells, insert the batteries to the left side of the charging terminal (Fig. 1)

(Fig. 1)

3. Make correct contact for polarity (+ and -) according to the sign in the battery compartment.

4. Charge either AA or AAA size at a time. Do not mix to charge AA or AAA at same time.

5. When using at home/Office
Connect the supplied AC adaptor’s barrel plug into the charger. Plug the AC adaptor into a correct household electric outlet.

Caution: The supplied AC adaptor supplies 12VDC and delivers 1000mA, and its plug fits into the charger’s DC input jack. Using an adaptor that does not meet these specifications could damage the charger or the adaptor.

When using in a vehicle
Connect the supplied DC car adaptor’s barrel plug into the charger’s DC input jack. Plug the large end of the cord into the 12V car lighter power port.

6. The status LED will glow red when the batteries are receiving charge. After charge is completed, the “status” LED will change to green to indicate that the charge is completed and batteries are ready for use. Once the status LED is green, the charger switches to “trickle” mode to keep the batteries at full.

7. Unplug the charger and remove the batteries from the charger when not in use.

Charging time:

<table>
<thead>
<tr>
<th>Size</th>
<th>Charging current</th>
<th>Nickel Metal Hydride</th>
</tr>
</thead>
<tbody>
<tr>
<td>AA</td>
<td>1400mA</td>
<td>1300mAh 60 minutes</td>
</tr>
<tr>
<td>AA</td>
<td>1400mA</td>
<td>1600mAh 70 minutes</td>
</tr>
<tr>
<td>AA</td>
<td>1400mA</td>
<td>1800mAh 80 minutes</td>
</tr>
<tr>
<td>AA</td>
<td>1400mA</td>
<td>2000mAh 87 minutes</td>
</tr>
<tr>
<td>AA</td>
<td>1400mA</td>
<td>2100mAh 90 minutes</td>
</tr>
<tr>
<td>AA</td>
<td>1400mA</td>
<td>2300mAh 100 minutes</td>
</tr>
<tr>
<td>AA</td>
<td>1400mA</td>
<td>2500mAh 110 minutes</td>
</tr>
<tr>
<td>AAA</td>
<td>600mA</td>
<td>500mAh 50 minutes</td>
</tr>
<tr>
<td>AAA</td>
<td>600mA</td>
<td>650mAh 65 minutes</td>
</tr>
<tr>
<td>AAA</td>
<td>600mA</td>
<td>800mAh 80 minutes</td>
</tr>
<tr>
<td>AAA</td>
<td>600mA</td>
<td>900mAh 90 minutes</td>
</tr>
</tbody>
</table>

*Charge time will vary depending upon the brand, capacity and condition of batteries being charged.

Important Safety Instructions:

1. Before charging, read instruction.

2. This charger is intended for use with Nickel-Cadmium and Nickel-metal-hydride rechargeable batteries only. Attempting to charge other types of batteries may cause personal injury and damage to the charger. Do not recharge non-rechargeable batteries.

3. Recharge only one type of battery (Ni-Cd or Ni-MH) at each time.

4. Do not expose charger to rain or moisture. For indoor use only.

5. Remove from mains when not in use.

6. Never use an extension cord or any attachment not recommended by manufacturer, otherwise this may result in a risk of fire, electric shock or injury to persons.

7. Do not operate the charger if it has been subjected to shock or damage. Take it to a qualified serviceman for repair.

8. Do not disassemble the charger. Incorrect reassemble may result in a risk of electric shock or fire.

9. Unplug the charger from outlet before attempting any maintenance of cleaning.

T-1880