

Cautions:

- For use with AA and AAA size NiMH batteries ONLY! Use with other type batteries voids warranty, may cause damage to the charger/ battery and possibly cause injury to the user.
- Do not leave any battery cell connected to the charger for prolonged periods. Remove the battery promptly after charge is complete.
- Unplug the charger when not in use.
- Do not use, place or store the charger where it may come into contact with water or moisture.
- Always replace frayed or damaged wire and broken plugs immediately.
- Use this charger with the power adapters included in the package only.
- Charger needs proper ventilation. Make sure charger vents are not being blocked and there is no problem with circulation
- Charge only NiMH batteries on this charger.
- Batteries are not charged as shipped. Must be charged prior to first use.
- Batteries may leak or explode causing personal injury if inserted improperly, disposed of in fire, mixed with other battery types, or short circuit.

Specifications:

- AC Adapter 120VAC, 60HZ
- Power Input 12VDC @ 0.5A
- USB in PC 5VDC @0.5A
- Charger Current 2 PCS AA 0.7A±10%,
- Charger Current 4 PCS AA 0.35A±10%,
- Charger Current 2 PCS AAA 0.7A±10%
- Charger Current 2 PCS AAA 0.35A±10%
- Operating Temperature: 0°C – 30°C

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EXPOCELL®
BATTERY SOLUTIONS

KD-SCAM-SU

4 Hour Charger with USB Input Manual For AA & AAA Size NiMH Batteries

Please Read The Information And Follow All Instructions Thoroughly Before Using This Product

Introduction

This KD-SCAM-SU 4 hour Charger is a highly advanced and fully automatic battery charger which is compatible with all AA and AAA size NiMH batteries commonly used in today's digital camera, MP3, CD players, 2-way radios, radio controlled cars, motorized toys and other electronic devices.

The 4 hour Charger features microprocessor controlled to charge your battery. Not only will it charge the battery safely and reliably, it will prolong battery life. The Charger will not overheat the batteries and damage them. The 4 hour Charger actually prolongs battery life. 2 or 4 batteries can be charged at a time.

Power input allows you to use the 4 hour Charger from home or overseas with its 120V AC Power Supply, or on the road using the included 12V DC Cigarette Lighter Adapter

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Cigarette Lighter Adapter and also use USB power of PC in office via USB port.

Charging Your Batteries

Plug-in either the AC Adapter or the DC Cigarette Lighter Power adapter, and connect the other end of the power adapter cable to the power input jack on the end of the Charger AA/AAA speed charger unit. It also can plug in USB power of PC in office via USB port

Insert 2 or 4 AA and/or AAA NiMH rechargeable battery cells to be charged into left two or the right two channels, observing the direction of the battery as indicated by the diagrams.

The LED Indicators

Once the battery has been inserted into the Charger, the LED above it will indicate the status of the battery being charged.

Red LED On- The battery at that location is being "Speed charged".

Green LED On- The battery at that location has completed "Speed charging", the cell is now ready for use, but may be left in the charger during the trickle charge to achieve a completely full charge.

Red LED Flashing- If an indicator LED is flashing above one or more of the cells being charged, this is an indication of an ERROR condition. The battery below the flashing LED is either faulty or at the end of its life and should be replaced, as it is no longer useable.

LED does not turn on – If the LED will not come on after a cell is inserted at that location, the voltage of that battery has dropped to a very unhealthy low level. The battery should be replaced.

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Notes:

- This 4 hour Charger is designed for use with NiMH (nickel Metal-Hydride) AA and AAA cells only. Do not charge NiCd (Nickel Cadmium) or any type of cells other than NiMH in this charger.
- It is normal for the charger, AC adapter, or the battery cells to become warm during charging.
- Do not install an AAA cell or an AA cell into any one charging location at the same time.
- Batteries will self discharge when not in use. Batteries can be kept fresh if you recharge them every 2-3 months.

Approximate Charge time*

DC 12V Input:	
800mAh AAA	120 minutes for 2pcs, 240 minutes for 4pcs
1800mAh AA	220minutes for 2pcs, 440minutes for 4pcs
2000mAh AA	240 minutes for 2pcs, 480 minutes for 4pcs
USB Input:	
800mAh AAA	150 minutes for 2pcs, 300 minutes for 4pcs
1800mAh AA	280minutes for 2pcs, 560minutes for 4pcs
2000mAh AA	300 minutes for 2pcs, 600 minutes for 4pcs
*Actual charge time will vary depending on the cell's discharge level, capacity and condition.	

Trouble Shooting Tips:

- Batteries should be replaced when run time becomes short.
- If the LED status indicator does not light up when the charger unit is properly plugged into a power source, and a discharged battery is correctly installed, make sure that the AC socket or cigarette lighter has power and that the battery cell is not defective.
- Use a clean dry cloth when necessary to keep the metal contacts of both charger and battery clean.

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