



**OUTPUT**  
Charges USB devices

**INPUT**  
AC power 110V-240V from mains  
12V Car Adaptor from vehicles  
USB power 5V from USB devices

Batteries shown not included

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# UNIVERSAL CHARGER

UNIVERSAL LITHIUM (LI-ION)  
AA & AAA NI-MH/NI-CAD BATTERY  
AND USB DEVICE CHARGER



745454 RM-43

This Charger is designed to re-charge most Lithium (Li-ion) re-chargeable Battery Packs and AA/AAA Nickel-Metal Hydride (Ni-Mh) and Nickel-Cadmium (Ni-Cad) Batteries. It is compatible with most 3.6V/3.7V & 7.2V/7.4V Digital Camera, Camcorder & Mobile phone Lithium Battery Packs or AA/AAA (R6/R03) Batteries. Will also re-charge external USB devices that use a USB charging cord.

Attempting to charge any other types of batteries or devices could cause personal injury and/or damage the Charger.

**Before use please read the Operating and Safety Instructions below carefully.**

**Features:**

1. 3 Way Power Source - AC Mains Adaptor, 12V Car Adaptor, USB External Adaptor.
2. Simultaneously re-charge batteries and a USB device.
3. Re-charge AA/AAA or Lithium Battery Pack when connected to a USB charger or output device via cord provided.
4. Will charge 1 and/or 2 AA/AAA (R6/R03).
5. Charges via USB "Output" Port - Smartphones, Tablets and other USB chargeable devices.
6. Slide and Lock battery cover for ease of use.
7. LCD indicates type of battery or device connected.
8. LCD indicates the charge level "condition" of battery connected.
9. LCD indicates charging status for AA/AAA, Lithium Battery Pack and when the USB output is in use.
10. The percentage charge of batteries is displayed on the LCD.
11. Automatic Max Battery Voltage cut off.
12. In-Car Charger ready with 12V Car Adaptor.
13. Auto Reverse-polarity ("+" "-") for Lithium Battery Packs.
14. Automatic Voltage Change (100V – 240V).

**Operating and Safety Instructions**

**Re-Charging a Li-ion Battery Pack:**

1. Slide open the Charger cover and lock in position.
2. Place Lithium Battery Pack on the charger base  
(Refer Picture 1).
3. Slide connecting pins left and right from the underside to adjust the pins to the battery polarities "+" and "-"  
(Refer Picture 2).

4. After adjusting to the correct position, straighten up the battery (Refer Picture 3).
5. Unlock and release the cover to secure the battery in position.
6. Plug the external AC Adaptor into the mains outlet and connect to the "Input" port of the charger. Or connect via the USB cable provided to the "Input" port and then to a USB charger or output device (Refer Picture 5).
7. When using in a vehicle - Connect the supplied 12V Car Adaptor plug to the "Input" port of the charger. Plug the large end of the adaptor into the vehicle's power outlet port (Refer Picture 5).
8. LCD will display type of battery and flash during charging.
9. LCD will show % progress of charging till 100% fully charged.
10. After charging is completed unplug the AC Adaptor, Car Adaptor and/or USB charging cable.

**Re-Charging AA/AAA Batteries:**

1. Slide open the Charger cover and lock in position.
2. Place 1 and/or 2 AA or AAA Ni-Mh/Ni-Cad onto the charger base, observe correct position (Refer Picture 4).
3. Batteries must be inserted to the correct polarity before charging. Do so by matching the positive symbol on the battery with the positive symbol on the Charger bay of the Charger.
4. Unlock the cover to secure the battery position.
5. The capacity mAh of each AA/AAA should be the same if charging 2 batteries together.
6. Plug the external AC Adaptor into the mains outlet and connect to the "Input" port of Charger or connect to USB charger or output device with the cable provided.
7. When using in a vehicle - Connect the supplied 12V Car Adaptor plug to the "Input" port of the charger. Plug the large end of the adaptor into the vehicle's power outlet port (Refer Picture 5).
8. LCD will display type of battery and flash during charging.
9. LCD will show % progress of charging till 100% fully charged.
10. After charging is completed, unplug the AC Adaptor, Car Adaptor and/or USB charging cable.

**Re-Charging a USB Device:**

NOTE: USB "Output" will only operate when Charger is connected via AC Adaptor or 12V Car Adaptor.

1. Connect a USB electronic device to USB "Output" port (Refer Picture 5).
2. Plug the external AC Adaptor into the mains outlet and connect to "Input" port of the charger (Refer Picture 5).
3. When using in a vehicle - Connect the supplied 12V Car Adaptor plug to the "Input" port of the charger. Plug the large end of the adaptor into the vehicle's power outlet port (Refer Picture 5).
4. LCD will display "Output USB" device connected.
5. Other batteries may be charged at the same time.
6. After charging is completed unplug the AC or Car Adaptor.

**Important Safety Instructions:**

- This Charger is intended for use with Lithium-ion (Li-ion), Nickel-Metal Hydride (Ni-Mh) and Nickel-Cadmium (Ni-Cad) rechargeable batteries ONLY. Please note that this Charger must not be used with Alkaline or Carbon Zinc. Attempting to charge any other types of batteries may cause personal injury and/or damage to the Charger.
- Do not expose the Charger or Adaptors to water or moisture.
- Do not expose the Charger to excessive heat or fire.
- Designed and intended for indoor use only.
- Keep the Charger out of reach of children.
- Allow adequate ventilation when in use. Charger and batteries may get warm during re-charging, this is normal.
- Do not short circuit the contact pins.
- Keep all contacts and pins clean.
- Do not apply excessive force when connecting or disconnecting batteries to contacts.
- Do not operate the Charger if it has been subjected to shock or damage. If subjected to shock or damage have it serviced by a qualified service technician.
- Do not disassemble the Charger. Incorrect reassembly may result in a risk of electrical shock or fire.
- Unplug the Charger from all power sources after use and before attempting maintenance or cleaning.
- Do not leave any batteries which are still connected to the Charger when not charging.
- Lithium Battery Pack and Ni-Mh/Ni-Cad cannot be charged together.
- **Do not attempt to charge leaking, corroded or dead batteries**

The manufacturer does not accept responsibility for any personal loss and/or injury if the defect was caused by misuse or mishandling by the user in anyway.