



OmniSource[®] Li-Ion

Universal Charger for Li-Ion Camcorder Batteries

PLEASE READ THE INFORMATION AND FOLLOW ALL INSTRUCTIONS THOROUGHLY BEFORE USING THIS PRODUCT.

Introduction

The OmniSource Li-Ion is a fully automatic camcorder battery charger which is compatible with virtually all 3.6 volt and 7.2 volt Lithium-Ion batteries for 8mm, VHS-C & digital camcorders from Sharp, Sony, Canon, JVC, Panasonic, RCA and other manufacturers. In addition to the adapter plates included, you can also purchase additional adapter plates for other Li-Ion battery models.

This unit uses an advanced charging circuit, which provides a safe, full charge every time. "Charging" and "Full Charge" status of the battery is shown on the built-in LED indicator.

Flexible power input allows you to use the OmniSource Li-Ion from home with its AC Power Supply or on the road using the DC Cigarette Lighter Adapter included. Avoid prolonged use in an automobile when the engine is not running as it may drain the battery in the vehicle.

Operation:

1. Plug-in, either the AC 110V or the DC Cigarette Lighter power adapter, depending on where you are going to use your OmniSource Li-Ion charger unit. Connect the other end of the power adapter cable to the power input socket on the charger unit.
2. Choose the adapter plate for the type of Li-Ion (Lithium-Ion) battery you will be charging. Attach the selected adapter plate to the charger unit by aligning the slots on the adapter plate bottom with the fingers on the charger base. While pressing down lightly on the adapter plate, slide the plate toward the front of the charger base until it locks. Then, slide the battery to be charged onto the adapter plate.
3. Once the battery has been properly connected to the charger unit, the charge indicator will glow Red to indicate that this unit has begun to charge your battery. When the battery is fully charged, the LED will change from Red to Green indicating the battery is full and charge is complete. Remove the battery from the charger.

Note: It is normal for the charger or the battery to become warm during recharging.

Trouble Shooting Tips:

- If the Red LED (CHG) indicator does not light up when the charger is plugged with power and battery has been attached, the battery contacts may not be touching contacts on base unit. Unplug the unit and check connection of the battery to the charger. Also, make sure the adapter plate is the proper one and that it is securely attached to the charger base.
- Use a clean dry cloth when necessary to keep the metal contacts of both charger and battery clean.

Cautions:

- For use with Lithium-Ion (Li-Ion) batteries ONLY! Use with other type batteries voids warranty, may cause damage to the charger/ battery and possibly cause injury to the user.
- Recharge Li-Ion batteries after use and before being put away.
- Do not leave battery attached to camcorder when camcorder is not to being used.
- Do not leave the battery connected to the charger for prolonged periods. Remove the battery 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 AC adapter included in the package only.
- It is not necessary or recommended to discharge a Li-Ion prior to charge.

Note: Batteries will self discharge when not in use whether they are attached to a camcorder or not. Batteries can be kept fresh if you recharge them every 2-3 months, if not being used.

Battery Charge Times:

3.6V	<u>Battery Capacity</u>	<u>Approx. Chg. Time</u>
	1400 mAh	190 minutes
	2600 mAh	340 minutes
7.2V	<u>Battery Capacity</u>	<u>Approx. Chg. Time</u>
	4050 mAh	550 minutes
	800 mAh	75 minutes
	1500 mAh	140 minutes
	2700 mAh	250 minutes
	4050 mAh	380 minutes

Specifications:

Power Input -	12-18 VDC @ 800-1000 mA
Charge Method -	Constant Voltage - Rapid Charge, Switching to “Trickle Charge” when full.

Limited 1 Year Warranty

This limited warranty starts from the date of original purchase and expires 1 year thereafter.

If any part, because of manufacturing defects or workmanship fails to function properly under normal use will be repaired at no charge for parts and labor or, at our option, the product will be replaced. The following is excluded: damages from delay or loss of use of equipment, or damaged batteries, malfunctions resulting from misuse, tampering, unauthorized repairs, modifications, or accident.

Package the unit and its accessories carefully using ample padding material to prevent damage in transit and ship it prepaid and insured to:

LENMAR ENTERPRISES INC. USA , 31328 VIA COLINAS #102, WESTLAKE VILLAGE, CA 91362.

When sending in product for service, your package should include evidence of date and place of purchase. Enclose \$7.50 for shipping and handling for addresses in the U.S. and \$12.50 in Canada. For outside the U.S. and Canada, freight will vary depending upon ship to address.

Visit our web site at: www.Lenmar.com