



OmniSource® SVC – Model BCV636

Universal Charger/Conditioner for 8mm & VHS-C Camcorders Including Sharp 3.6 Volt Viewcam Batteries

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

Introduction

The OmniSource SVC (BCV636) is a fully automatic camcorder battery charger/conditioner which is compatible with almost any 6 volt battery for 8mm and VHS-C camcorders from Sharp, Sony, Canon, JVC, Panasonic, RCA and other manufacturers. By using the adapter plates included, you can also charge the Sharp Viewcam 3.6 volt Ni-Cd, Ni-MH, or Li-Ion batteries.

The BCV636 uses a microprocessor controlled charging circuit which provides a safe, full charge every time. Also, Ni-Cd batteries can be properly discharged and reconditioned with the push of a button. Charging, Full Charge, and Conditioning status is shown with built-in LED indicators.

Flexible power input allows you to use the BCV636 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 SVC. Connect the other end of the power adapter cable to the power input socket on the charger unit.
2. 6 volt batteries will slide directly onto the charger unit, making sure the contacts on the battery are aligned with the appropriate contacts on the charger for your camcorder battery type. For 3.6 volt Sharp camcorder batteries, choose the adapter plate for the Li-Ion (Lithium-Ion) type batteries or the adapter plate for the Ni-Cd/Ni-MH type batteries. Attach the proper adapter plate to the charger unit, then slide the battery to be charged onto the adapter plate.
3. Once the battery has been properly connected to the charger unit, the Red LED (CHG) indicator will light up to indicate that this unit has begun to charging your battery. When the battery is fully charged, the Red LED will turn off and the Green LED (FULL) indicator will turn on. Remove the battery from the charger.
4. If you wish to condition your battery to eliminate minor memory problems or refresh a stale battery and restore lost capacity, push the button in the lower right hand corner of base unit. The Red LED will go out and the Yellow LED (DIS) will begin to flash while the battery is discharged to the proper voltage. As soon as the battery is properly discharged, the circuit will automatically switch back to charging mode and begin to charge your battery.

Note: Conditioning or fully discharging batteries is recommended ONLY for a partially-charged/discharged Ni-Cd type batteries. Ni-MH batteries may also benefit from an occasional conditioning cycle. *DO NOT* attempt to condition Li-Ion type batteries.

Cautions:

- Do not leave the battery on connected to the charger for prolonged periods (several days). 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 do not let them sit idle for more than two months without 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. If adapter plate is being used, check its connection as well.

- Use a clean dry cloth when necessary to keep the metal contacts of both charger and battery clean.
- If a Ni-Cd or Ni-MH battery sits idle for a too long a period of time conditioning may be necessary. Press the discharge button to discharge the battery prior to charging it, and repeat for 2-3 cycles to refresh the battery. If the battery is still not working properly, the battery may need to be replaced.

The following statement is required in the state of California pursuant to the settlement of an action brought by the Mateel Environmental Justice Foundation against multiple electronics and appliance manufacturers

WARNING: Handling the cord on this product will expose you to lead, a chemical known to the state of California to cause birth defects or other reproductive harm. **Wash hands after handling.**

Battery Charge Times:

<u>Battery Capacity</u>	<u>Approx. Chg. Time</u>
1200 mAh	80 minutes
1800 mAh	125 minutes
2400 mAh	170 minutes
3600 mAh	255 minutes

Specifications:

Power Input -	12-18 VDC @ 800-1000 mA
Avg. Charge Current -	890 mA
Avg. Discharge Current -	350 mA
Discharge Cutoff -	1.0 volt per cell
Charge Control -	-ΔV, Max V, Max Time (360 min.)

Limited 3 Year Warranty

This limited warranty starts from the date of original purchase and expires 3 years 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 ,4035 Via Pescador
Camarillo, CA. 93012.

When sending in product for service, your package should include evidence of date and place of purchase. Enclose \$10.00 for shipping and handling for addresses in the U.S. For outside the U.S. and Canada, freight will vary depending upon ship to address.

Visit our web site at: www.Lenmar.com