



Replacement Battery Pack for EVOM²

Warranty

WPI (World Precision Instruments, Inc.) warrants to the original purchaser that this equipment, including its components and parts, shall be free from defects in material and workmanship for a period of 30 days from the date of receipt. WPI's obligation under this warranty shall be limited to repair or replacement, at WPI's option, of the equipment or defective components or parts upon receipt thereof f.o.b. WPI, Sarasota, Florida U.S.A. Return of a repaired instrument shall be f.o.b. Sarasota.

The above warranty is contingent upon normal usage and does not cover products which have been modified without WPI's approval or which have been subjected to unusual physical or electrical stress or on which the original identification marks have been removed or altered. The above warranty will not apply if adjustment, repair or parts replacement is required because of accident, neglect, misuse, failure of electric power, air conditioning, humidity control, or causes other than normal and ordinary usage.

To the extent that any of its equipment is furnished by a manufacturer other than WPI, the foregoing warranty shall be applicable only to the extent of the warranty furnished by such other manufacturer. This warranty will not apply to appearance terms, such as knobs, handles, dials or the like.

WPI makes no warranty of any kind, express or implied or statutory, including without limitation any warranties of merchantability and/or fitness for a particular purpose. WPI shall not be liable for any damages, whether direct, indirect, special or consequential arising from a failure of this product to operate in the manner desired by the user. WPI shall not be liable for any damage to data or property that may be caused directly or indirectly by use of this product.

Claims and Returns

• Inspect all shipments upon receipt. Missing cartons or obvious damage to cartons should be noted on the delivery receipt before signing. Concealed loss or damage should be reported at once to the carrier and an inspection requested. All claims for shortage or damage must be made within 10 days after receipt of shipment. Claims for lost shipments must be made within 30 days of invoice or other notification of shipment.

Please save damaged or pilfered cartons until claim settles. In some instances, photographic documentation may be required. Some items are time sensitive; WPI assumes no extended warranty or any liability for use beyond the date specified on the container.

• WPI cannot be held responsible for items damaged in shipment en route to us. Please enclose merchandise in its original shipping container to avoid damage from handling. We recommend that you insure merchandise when shipping. The customer is responsible for paying shipping expenses including adequate insurance on all items returned.

• Do not return any goods to WPI without obtaining prior approval and instructions (RMA#) from our returns department. Goods returned unauthorized or by collect freight may be refused. The RMA# must be clearly displayed on the outside of the box, or the package will not be accepted. Please contact the RMA department for a request form.

• Goods returned for repair must be reasonably clean and free of hazardous materials.

• A handling fee is charged for goods returned for exchange or credit. This fee may add up to 25% of the sale price depending on the condition of the item. Goods ordered in error are also subject to the handling fee.

• Equipment which was built as a special order cannot be returned.

• Always refer to the RMA# when contacting WPI to obtain a status of your returned item.

• For any other issues regarding a claim or return, please contact the RMA department

Warning: This equipment is not designed or intended for use on humans.

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INSTRUCTION MANUAL

Serial No. _____



101909

EVOM² Charger and Battery

The **EVOM²** charger plugs into a standard AC wall outlet for recharging the battery pack. It incorporates a universal power supply allowing for use in many countries. The **EVOM²** contains a NiMH 6V 2200mAh rechargeable battery pack.



The battery pack can be repeatedly charged and discharged for approximately 500 cycles. It may be charged at any time in the discharge cycle, and can be charged continuously without damage.

CAUTION: Use ONLY the **EVOM²** charger. Use of any other charger may damage the battery pack.

Fig. 1–NiMH replacement battery pack

The battery life is about 1 to 2 years, depending upon use. NiMH batteries discharge even if they are not being used. The rate of discharge is related to temperature. The cooler the temperature, the slower the discharge rate. If the battery pack is allowed to self discharge for too long, damage may result. To prevent battery damage, charge the battery pack at least once every two months. Should the battery pack fail in your **EVOM²**, replacements are available (WPI #91736).

Changing the Battery Pack

1. Using a #1 Phillips screwdriver, remove the four screws from the **EVOM²** case.
2. The battery pack is mounted on the bottom chassis plate. Using a #1 Phillips screwdriver, remove the two screws securing the battery pack cover.



Fig. 2–Battery pack mounted to bottom chassis plate of **EVOM²**

3. Disconnect the small plastic connector by pulling it straight up at the circuit board (**Fig. 3**). Note the position of the connector and wire color code.
4. Properly dispose of the used battery pack.
5. The battery pack connector will only install one way. If it does not slide easily into place, do not force it. To install the battery pack, line up the locking guide on the circuit board with the tabs on the connector. The locking guide must face the latching ledge (**Fig. 3**). Slide the connector over the pins on the board and push the connector straight down.

WARNING: DO NOT REVERSE POLARITY WHEN CONNECTING THE BATTERY PACK. PERSONAL AND EQUIPMENT DAMAGE MAY RESULT.

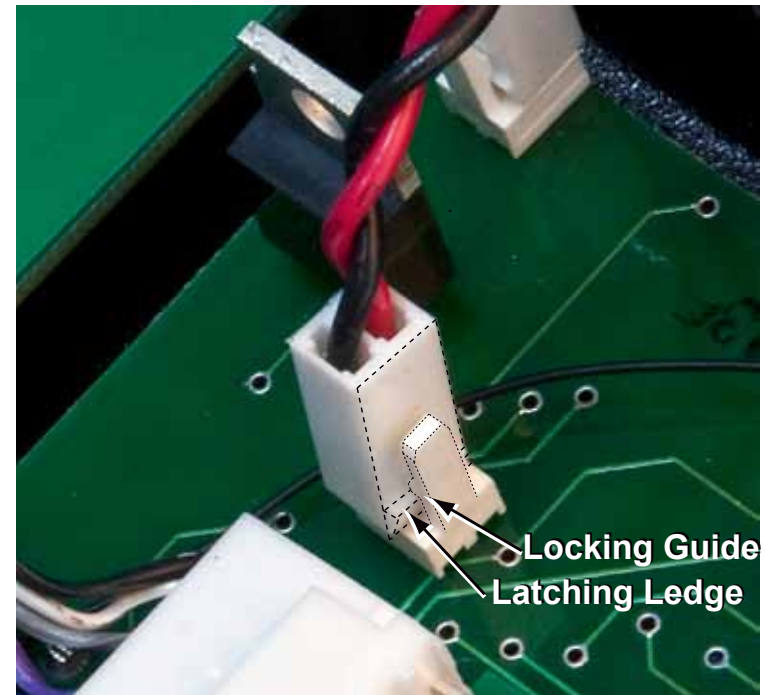


Fig. 3–Battery pack connector locked in place

6. Resecure the battery pack cover.
7. Reassemble the **EVOM²** case.
8. Charge the new battery pack for at least 24 hours.