



***MACH4 Series
V-MT, B-MT, and G-MT
Battery Charging System***

***Quad
Instructional Manual***

Introduction:

Thank you for your choice in purchasing a Core SWX MACH4 Charger. The charger is designed to provide you a safe and reliable charging platform for your battery packs.

Please read this manual to help understand and capitalize on the features of this charger.

Features:

- This charger will rapid charge any Li-ion battery pack within CoreSWX' product line.
- Automatic Universal AC input for world-wide use.
- Automatic detection of damaged or misused batteries
- Cross-compatible battery charging for RED®, Anton/Bauer®, IDX® and most Li-Ion battery packs*

*contact Core SWX for confirmation of battery pack compatibility.

Operation:

- Insert included AC power cord to the rear of the unit and flip adjacent switch to ON(-)
- LEDs will illuminate GREEN signifying the corresponding battery charging bay is READY
- Connect a battery pack to any of the charge positions. The charger addresses all packs independently and simultaneously, so it doesn't matter which bay a battery pack is connected to.
- Corresponding bay LED will illuminate RED, advising communicating with the charger, and will be charging the pack.

LED Indication Guide:

Charge State LED	LED Indication
No Battery Connected	GREEN
Trickle Charge	Pulse RED/GREEN*
Charging Complete	GREEN
Charge Bay Malfunction	LED not illuminated

*Trickle charge may occur when the battery pack is in low voltage protection or at/near 100%

Specifications:

MACH4 (Quad Charger):

Dimensions: H: 4.25" L: 12.17" W: 9.25"
Weight: 5.3lbs.

Electrical Data:

Input Voltage: 90~240VAC, 50/60Hz
Quick Charge Current: 3.0A per channel
Discharge Current: 2.0A
DC output: 90w, 16VDC

Operational Temperature Range:

-0°C to +40°C (-32°F to +104°F)

Notes on Use:

- **WARNING!** Risk of electric shock. Do not remove cover, no user serviceable parts inside the product. Disassembling the product may void the warranty.
- **WARNING!** Risk of electric shock. Always check cables for signs of damage. Damaged cables can cause personal injury and/or damage the equipment.
- While operating the charger do not place any objects in front of ventilation slots or fan on the rear of the charger.
- **WARNING!** It is the responsibility of the local organization to ensure that the product is periodically checked for electrical safety in accordance with local regulations.
- **WARNING!** An increase in temperature is normal during operation. During discharge operation, the area on the top of the charger, to the rear may get very hot. This is marked by a warning. Be mindful of touching this area during operation.
- **CAUTION!** This product must be connected to a power supply of the same voltage (V) and current (A) as indicated on the product. Refer to the technical specifications for the product.
- **CAUTION!** AC Mains plug or appliance coupler is to be used as a power disconnect device; make sure it is readily accessible.
- **CAUTION!** The product must be grounded during operation

There is a fuse within the AC receptacle which can be replaced only with the same type and rating.

Warranty:

This product is warranted to the Original Purchaser against all defects in material and or workmanship for the period herein.

The warranty period shall be, 3 years for parts and labor, unless otherwise noted. Core SWX agrees to pay equal return freight costs to return the product the same method it was received. In the event of an issue, purchaser agrees to the below RMA procedure.

Procedure:

1. Go to <http://www.coreswx.com/repairsreturns> and fill out the online form
2. Print the RMA number confirmation, and ship the product needing service to Core SWX, LLC. along with RMA number confirmation, and copy of bill of sale.
3. All shipments must be done either through UPS or FEDEX, and insured if necessary
4. Core SWX, LLC. is not responsible for any lost shipments.

Core SWX reserves the right to repair or replace any defective product under warranty after Core SWX determines which is more practical.

If Core SWX receives defective product for warranty repair and they are found to be defective as a result of misuse or other damage, not caused by normal wear and tear, Core SWX will notify the customer of an estimate of repair. Customer will incur costs. There are no further warranties, either expressed or implied, including warranties of merchantability or fitness for a particular purpose that has any bearing upon this transaction.



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