



***GP-X4
Brick Battery Charger
Instructional Manual***

Introduction:

Thank you for your choice in purchasing a Core SWX GP-X4 Battery Charger. The charger is designed to improve and assist you in your battery charging requirements. Please read this manual to help you understand and capitalize on the features of this charger.

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Features:

- This charge is designed for Li-Ion packs brick battery packs solely.
- Rugged, sleekly styled, high impact molded charger chassis.
- When charging two packs, the charger will charge simultaneously at a 2.6A per hour charge rate. Two 98wh packs will charge in approximately 4 hours.
- Automatic Universal AC input(100-240VAC) for world-wide use.
- Automatic detection of damaged or misused batteries for added safety.

Charging Operation:

- Insert the AC power cord into the AC receptacle in the back of the charger.
- Plug the charger into AC power mains.
- Turn the rear panel power switch to the ON position.
- Connect all batteries needing charge into the charger. The corresponding LED will flash GREEN and once fully charge solid GREEN.
- If the battery does not meet quick charging conditions (i.e. temperature or deeply discharged) the charger will pre charge the battery and go into a trickle charge mode until it is safe to enter quick charge mode.
- When only needing to charge one battery pack on each side, the rapid charge will charge the pack at 3A (one 98wh pack in under 2.5hrs). When two packs are placed on either side, the charge will charge the lesser charged pack up to the same level as the other, then charge both at 2.6A current combined.
- This charger will charge four “micro” sized packs(NANOV/G) at a time, but can only charge two large size packs(NEO, Hypercore) because of a mechanical incompatibility.

LED Indication Guide:

<u>Battery State</u>	<u>LED Indication</u>
Charger Not Connected	No LED Indication
Charging	Blinking GREEN
Charging Done	Solid GREEN

Compatibility outside of Core SWX battery packs:

- For V-mount, this charger will charge most V-mount, Lithium Ion packs on the market.
- For 3-Stud, this charger will only charge Core SWX packs.

*contact Core SWX for confirmation of battery charger compatibility if you intend to charge other battery packs.

Specification Data:

GP-X4S: V-mount Connection

GP-X4A: 3-Stud Mount Connection

Quick Charge Current: 2.6A Simultaneous

Power Range per Channel: up to 48watts/hr.(two batteries), 24watts/hr.(four batteries)

Size: 4.5" x 7.1" x 3.4"

Weight: 2.4lbs.

Input Voltage: 90-240VAC 50/60Hz

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.
- **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. 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> and to the the support section to fill out the online RMA 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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