Getting Started

1. Mount The Charger

- Protect enclosed charger from driving liquid, rain, snow.
- Install open-frame charger in an enclosure suitable for the protection of personnel and water ingress into the equipment.

SEE MOUNTING HOLE TEMPLATES ON REVERSE SIDE

IMPORTANT!
- Install mounting hardware before connecting wiring.
- Install vertically in well-ventilated area.

2. Configure Battery Settings

- IMPORTANT!
  - Configure charger using jumpers before connecting wiring.
- NOTE!
  - For charger to provide output, a jumper must be placed for each setting.

3. Make Electrical Connections

- OPTIONAL - J1939 Setting & Connections (if supported by genset controller)

4. Powering On - Double-check wiring before powering charger!

NEVER CONNECT AN ULTRACAPACITOR AND BATTERY DIRECTLY IN PARALLEL

Need Help?

REFER TO THE USER MANUAL OR CONTACT SENS CUSTOMER SERVICE:
800-742-2326 / 303-678-7500 / service@sens-usa.com

USE YOUR SMART PHONE QR CODE READER TO ACCESS USER MANUAL
IMPORTANT SAFETY INSTRUCTIONS

1. SAVE THESE INSTRUCTIONS - This guide contains important safety and operating instructions for MicroGenius® 150 battery chargers.
2. Do not expose charger to rain or snow.
3. Use of an attachment not recommended or sold by the battery charger manufacturer may result in a risk of fire, electric shock, or injury to persons.
4. This charger is intended for commercial and industrial use. ONLY TRAINED AND QUALIFIED PERSONNEL MAY INSTALL AND SERVICE THIS UNIT.
5. Do not operate charger if it has received a sharp blow, been dropped, or otherwise damaged in any way, shut off power at the branch circuit protectors and have the unit serviced or replaced by qualified personnel.
6. To reduce risk of electric shock, disconnect the branch circuit feeding the charger before attempting any maintenance or cleaning. Turning off controls will not reduce this risk.
7. This equipment is compliant with Class A of CISPR 16. In a residential environment, this equipment may cause radio interference.
8. Do not expose charger to rain or snow.
9. Use of an attachment not recommended or sold by the battery charger manufacturer may result in a risk of fire, electric shock, or injury to persons.
10. When charging batteries, charge 6 and 12 cell LEAD-ACID or 10 and 20 cell LIQUID ELECTROLYTE NICKEL-CADMIUM batteries only, with rated capacity of 30 to 120 Ampere hours. Do not use this battery charger to supply power to an extra-low voltage electrical system or to charge any type of non-rechargeable, dry cell, alkaline, lithium, nickel-metal-hydride, or sealed nickel-cadmium batteries that are commonly used with home appliances. These batteries may burst and cause injuries to persons and damage to property.
11. Study all battery/ultracap manufacturer specific precautions such as removing or not removing cell caps while charging and recommended rate of charge.
12. Do not operate charger in a closed-in area or restrict ventilation in any way.
13. Never smoke or allow a spark or flame in vicinity of battery, ultracap or engine.
14. Be extra cautious to reduce risk of dropping a metal tool onto battery/ultracap. It might spark or short circuit battery/ultracap or other electrical part that may cause explosion. Using insulated tools reduces this risk, but will not eliminate it.
15. Remove personal metal items such as rings, bracelets, necklaces, and watches when working with a storage battery/ultracap. A storage battery/ultracap can produce a short circuit current high enough to weld a ring or the like to metal, causing a severe burn.

For information and service on any SENS product, please contact us at:

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