

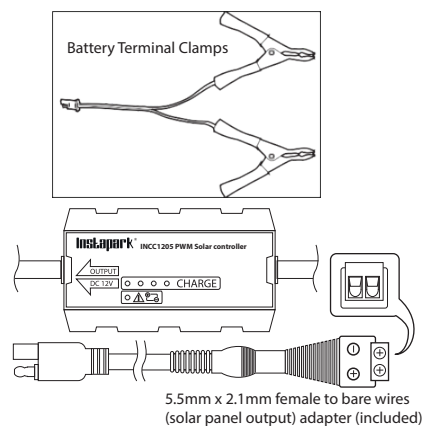
INCC1205 12 volt / 5 amp Solar Charge Controller

Instruction Manual

Instapark.

Package Includes

- Instapark™ INCC1205 12 volt / 5 amp Solar Charge Controller
- Battery Terminal Clamps
- 5.5mm x 2.1mm female to bare wires (solar panel output) adapter (included)
- User manual



WARNINGS:

- Do not use charger if cords have been damaged in any way — call Technical Support toll-free at (800)716-0100.
- There are no user-serviceable parts in this unit.
- Do not open the unit. In the event of malfunction, it must be returned to manufacturer for professional testing and repair. Opening the unit will void the manufacturer's warranty.

WARRANTY

Our company provides customers with a warranty of 18 months from the date of purchase.

CONTACT US

For any inquiries or comments concerning our products please send an email to info@instapark.com and we will respond as soon as possible. If there is any quality-related issue with the product, you may request a REPLACEMENT OR REFUND by submitting a request form at www.instapark.com/contactus/

Instapark.

Toll Free : 1-800-716-0100
Phone: 562-946-8677
Fax: 562-946-8680

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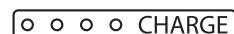
General Introduction:

Thank you for selecting the *Instapark INCC1205 Charger Controller*, which is designed to use for 12V battery maintenance, charging RVs, speciality vehicles, antique and classic cars, marine deep cycle batteries, motorcycles, lawn mowers, tractors, ATVs, snowmobiles, personal watercraft and more. With proper care and use, it will give you years of dependable service. Please read and observe all safety warnings and cautions and this entire user's instruction manual, before installing or using this device. The instruction manual should then be retained for quick reference whenever the unit is used.

Operating Instructions:

Ensure that all installation and operating instructions and safety precautions are understood and carefully followed by anyone installing or using the charger.

Charging Indicators:



4 Green LEDs – Charging Indicator

- 4 LEDs cycle back and forth from right to left: Charging
- All 4 LEDs constant on: Charging is completed
- The 1st one from the left hand side is constantly on: no solar panel connection detected, battery connection is good
- All 4 LEDs flash: Good solar panel connection, no battery connection detected



Red LED – Battery Indicator

- Constant on: battery connection is reversed

Connecting the Charge Controller's Input to a Mercury27 (sold separately) Portable Solar Charger:

Plug the charge controller's input female connector directly into the Mercury27's 12V output

Connecting the Charge Controller's Input to a Solar Panel:

1. Plug the 5.5mm x 2.1mm female to bare wires adapter to the charge controller's input.
2. Use a Philips screwdriver to loosen the screws for both the positive and negative terminals on the adapter.
3. Plug the solar panel's positive wire (red) into the positive terminal of the adapter.
4. Plug the solar panel's negative wire (black) into the negative terminal of the adapter.
5. Use the screwdriver to tighten the screws.

Using the Charge Controller to Charge a Battery with the Terminal Clamps:

1. Connect the 2-pole output on the charge controller to the 2-pole connector on the wire with terminal clamps
2. Connect the positive clamp (red) to the positive post of the battery.
3. Connect the negative clamp (black) to the negative post of the battery.
4. Observe the green LED lights to make sure the battery is charging properly.
5. Monitor the unit periodically.

TROUBLESHOOTING

Unit Not Charging

- Check that the charger is properly connected to a solar panel or a Mercury27 portable solar charger.
- Check that the solar panel or Mercury27 is exposed to direct sunlight.
- If the battery to be maintained has fallen below 2 volts, the battery cannot be recharged with this unit.
- Make sure that output connection is secured.
- Check correct polarity connections.

CARE AND MAINTENANCE

With proper care and minimal maintenance, the Solar Charge Controller will provide years of dependable service. For maximum performance, manufacturer recommends:

1. Storing the unit in a clean, dry, cool place when not in use.
2. Cleaning the unit casing and cords (as necessary) with a dry (or slightly damp) cloth. Ensure that unit is completely disconnected from battery and power source, before cleaning.
3. To maintain the operating condition and maximize the life of the charger cords, always coil them loosely for storage. Do not wrap them around the unit or crimp them with a tight band.

3.5"