

External Fast Charger hook-up guide

The external fast charger may be used to charge an eGO Cycle battery pack. The external fast charger is shipped configured to charge an installed battery pack by connecting the supplied charger leads to the external fast charge connector located under the battery door of the eGO Cycle.

The fast charger can also be used to charge a pack that has been removed from an eGO. To charge removed batteries, you will need to supply and configure a different wire harness. See Figure 1 for details.

NOTE: The fast charger operates at 24Volts and up to 14Amps. Use this charger **ONLY** to charge a properly connected pack of TWO eGO Cycle batteries. **DO NOT ATTEMPT TO CHARGE ONE 12V BATTERY.** Connecting this charger to one battery, or to pack other than a properly wired eGO Cycle 2 battery pack is dangerous and could cause severe personal injury and damage to the batteries and charger.

Charging an installed battery pack

- 1 Open the deck cover and locate the end of the vehicle fast charge connector (typically wrapped in the tail of the black nylon battery hold down strap) and remove the red tape covering the end of the connector.
- 2 Connect the fast charger wire harness to the vehicle fast charge connector.
- 3 Connect the loose ends of the fast charger wire harness to the screw terminals on the fast charger – be sure to connect the red wire to the red screw terminal and the black wire to the black screw terminal.
- 4 Plug the fast charger into any 120V AC outlet and turn on. When the orange light on the charger becomes green – the battery pack is charged and may be removed. Turn off the charger before disconnecting the charge harness from the vehicle charge connector. Close the battery door. (If you expect to use this harness frequently – consider routing the vehicle charge connector out the chassis vent on the right side of the vehicle before closing the battery door.

Charging a removed battery pack (you will need two charger wires, NOT included with the fast charger) Place the batteries and charger in a well-ventilated area away from any spark source.

- 1 Connect the two batteries as shown in Figure 1 (using the connectors attached to the batteries.)
- 2 Using a section of 10 gauge or larger wire (ideally with red insulation) connect the positive (red) terminal of the fast charger to the positive terminal on battery 1.
- 3 Using a section of 10 gauge or larger wire (ideally with black insulation) connect the negative (black) terminal of the fast charger to the negative terminal on battery 2.
4. Plug the fast charger into any 120V AC outlet and turn on. When the orange light becomes green – the battery pack is charged and may be removed. Turn off the charger before disconnecting the battery pack from the charger.

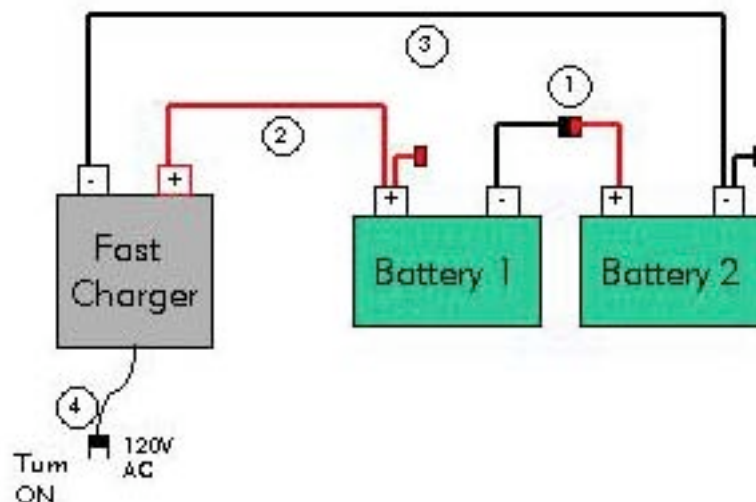


Figure 1