



info@redkingenergy.com  
RedKingEnergy.com

LITHIUM 12V

## Converter Guide



1. Locate your RedKing Energy 12 volt converter and wiring harness. Connect the harness to the converter using the white connector.
2. Mount the RedKing Energy 12 Volt Converter in a safe, dry location in the battery compartment.
3. Determine where each wire in the harness needs to connect (**see diagram**) and loosely route the harness in that direction. If you discover that one or more wires would be better routed by branching off the main harness, you can pull that wire(s) from the main harness sheathing at the point best suited. Use a piece of electrical tape to secure any wires where they exit the main harness.
4. With the harness loosely routed in the proper direction, begin securing it using zip ties, or your preferred method, starting at the converter and working your way towards the final connection.

5. Connect the positive 12 volt output wire (**large, red wire in harness**) to the 12 volt accessory positive input wire. Connect the negative 12 volt output wire (**large, black wire in the harness**) to the 12 volt accessory negative input wire.
6. Connect the Orange wire in the 12 volt converter harness to key on power.
7. Connect the main positive cable, positive charger cable and positive 12 volt converter input wire (**small, yellow wire in the 12 volt harness**) to the **POSITIVE** terminal on the battery.
8. Connect the main negative cable, negative charger cable and negative 12 volt converter input wire (**small, black wire in the 12 volt harness**) to the negative terminal on the battery.
9. Double check that all wiring is correct prior to turning on the battery. If you do not feel comfortable with the wiring or have any questions, **DO NOT** turn on the battery and call your dealer for assistance.
10. Once you are confident in the installation, turn on the power button by pressing it once. The power button will immediately illuminate green, indicating the battery is now on and there is power at the terminals.
11. Function check the various systems of the cart including the drive and 12 volt system operations.

**Note:** The power button must be turned on for the discharge and charge to work properly. For longterm storage (14 days), turn battery on/off to the off position.