

30 Amp DC Converter

Kit Includes:

- 30 Amp DC Converter
- Pigtail/Wire harness

Professional installation is recommended.

Prior to installation place the run tow switch to the tow position and disconnect the main positive battery terminal

In order to ensure proper function of your DC to DC Converter you must first determine your main positive and negative terminals. Wires 1 and 3 **MUST** be connected across the entire battery pack and Wire 3 **MUST** be connected to your keyswitch. In 48V applications, not connecting to the entire battery pack will result in an uneven draw which will shorten the life of your battery pack. In 36V applications failure to connect the converter across the entire battery pack may result in the unit not functioning

Note: this unit will generate a significant amount of heat and should be mounted on a metal surface to reduce the risk of damage to your cart. If wire 4 or 5 are not used in your application they must be covered with a wire or crimp cap. These wires are live.

Wiring instructions

- 1)Yellow 48V/36V Input (+) From Battery. Connect this wire to the main positive (+) Terminal on the Battery Pack
- 2)Green 48V/36V Switched Input (+) From Key Switch. Connects to switched 48/36V power source. (Key Switch is 48/36V when on or off. Attach Green to contact that shows volts only when the key is turned ON. This wire turns On an On the converter
- 3)Black Ground (-) From Battery. Connect to the main ground (-) on the battery pack. Multiple accessories can tie into this wire with a bus connector or attach to the main ground as well
- 4)Red 12 V Switched Output (-) Accessories feed to this 12V switched wire. When green wire is attached to key power source, this wire will provide power to accessories