



MJ1220C
MJ1230C



DC to DC Converter Installation Instructions

What's in the box:

- DC to DC converter (MJ1220C or MJ1230C)
- Wiring "Pigtail"
- Mounting Hardware

Pinout Configuration

1	2	3

- 1** 12V (+) (Constant)
- 2** 36V/48V (-) (from Battery)
- 3** 36V/48V (+) Input (from Battery)

IMPORTANT

In order to ensure proper function of your MadJax DC to DC Converter, you must first determine your main positive and negative battery terminals. Wires **2** and **3** **MUST** be connected across your entire battery pack. In 48V applications, not connecting the Converter across the entire battery pack will result in an uneven draw which could shorten the life of your battery pack. In 36V applications, failure to connect the Converter across the entire battery pack will result in the unit not functioning.

During normal operation, the Madjax DC to DC Converter will generate a significant amount of heat. The unit should be mounted to a metal frame member in order to prevent possible damage to your cart.