

# Using quick-connect (pre-fitted) leads



Huber & Suhner

Energy Matters supply a wide range of pre-fitted solar cables including MC3, MC4, and Huber & Suhner. When installing these cable with solar panels fitted with quick-connect plugs, care must be taken to ensure the correct polarity (the connection of positive and negative).

Often after connections are made with panels, the **plug types can appear to be either positive or negative where in actual fact the electrical connection will be the opposite**. This can happen when leads have been cut or used in parallel configurations.

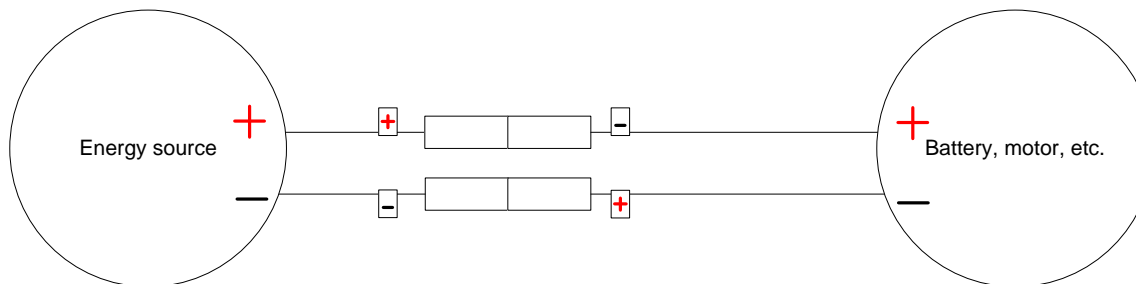
Always use a multimeter before connection a battery, motor, light, or other load to a solar array. This will prevent the accidental damage of electronics and the potentially hazardous situation this might create.



MC4



MC3



When the plugs are fitted together, care must be taken to note the power source polarity, not the plug label polarity – the plugs are merely a means of connection and the original source will be unaffected.



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## Installation

Energy Matters provide this wiring diagram for installation as a recommendation and guide for the installation of equipment. It is to be used by experienced and competent users/installers only. Energy Matters cannot be held responsible for any equipment, property, or person damaged or injured as a result of improper installation.

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