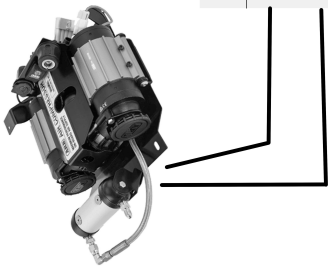


WIRING DIAGRAM FOR DC-DC CHARGERS

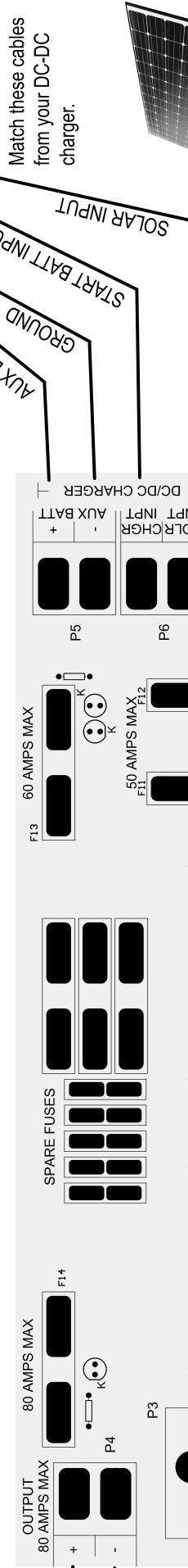


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High current equipment such as compressor. Max 80-amp.



Fix a fuse here rated to the max output charge current of the charger. See charger user manual for details. Max 60 amps!

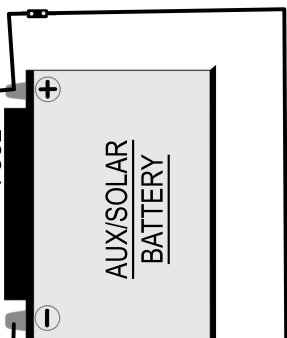


Negative ground only is not sufficient. We recommend a dedicated negative ground cable directly from the battery.

A shunt is used with battery monitoring systems. Make sure it is connected correctly.

LOAD

BATT ONLY



Connect lights, fridge, small compressor and all your equipment that draws a maximum of 25 amps (each). Make sure the polarity (+ -) is correct.

WIRING AN INVERTER WITH A SHUNT

Inverters larger than 350W draw too much current (A) to be able to be wired through the DC-HUB. Therefore, wire the positive + cable directly from Aux-battery + via a fuse, and then the negative - cable to the LOAD side of the shunt.



INVERTER

Power output for equipment that uses more than 25 amps. Max 50-amps.

Power output for equipment that uses more than 25 amps. Also good for input chargers such as regulated solar and AC chargers.

Negative ground only is not sufficient. We recommend a dedicated negative ground cable directly from the battery.

Solar panel or solar array directly here. Max voltage of your rated DC-charger solar input must not be exceeded.

Match these cables from your DC-DC charger.



FUSE



Use cable thickness guide.