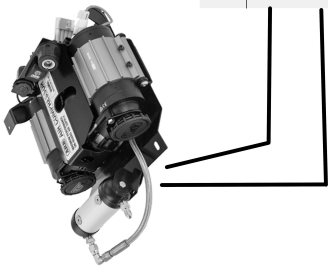


WIRING DIAGRAM FOR DC-DC CHARGERS

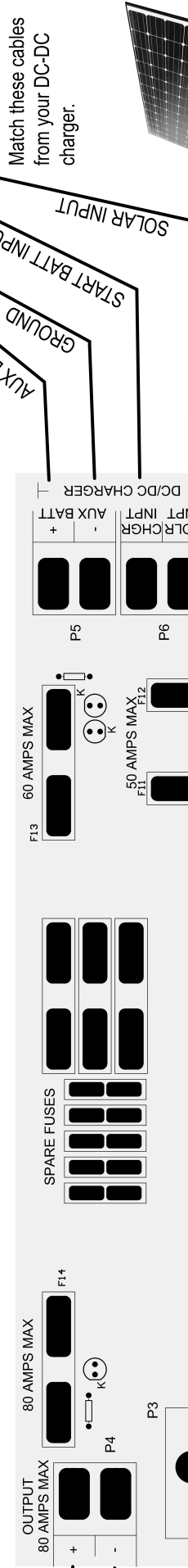


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High current equipment such as compressor. Max 80-amp.



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



Match these cables from your DC-DC charger.



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

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

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

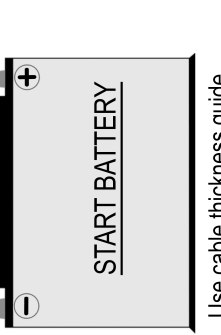
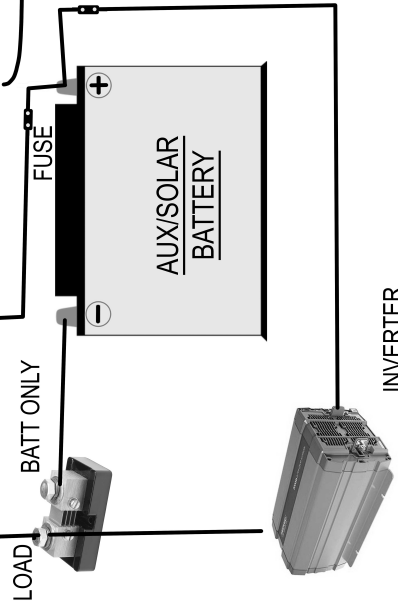
Power output for equipment that uses more than 25 amps. Max 50-amps.

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.

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.



Use cable thickness guide.