



Attention:

- 1) Wire MB3689 "ACC" to Vehicle's Ignition Switch "ACC ON"
- 2) Power Input "+" must connect with vehicle battery directly (see above drawing **BLUE** line).
Please **DO NOT** connect with built-in fuse box in car (see above drawing **RED** line).
The DC DC charger can have 30A-40A charging current. It will cause the fuse (built-in fuse box in car) to blow if there is no direct connection to the vehicle's internal battery.
- 3) Same goes for the in line fuse for the external battery.
Its major function is to prevent battery cable from catching fire due to shortage or overload.
It can be connected to either positive or negative terminal or even both. The current loop would be the same.
However, it is suggested to wire the fuse as near to the External battery as possible.