

Manual Kits

EN • 03/2020



General safety instructions

- Solar modules generate electricity in low incidence of light too! Cover the solar panel and work carefully!
- Make sure that the installation of the solar charge controller takes place in a stable, flat and dry environment. Please note to keep a distance of 15 cm around the unit!
- Danger of explosion due to improper handling of batteries! Danger of receiving an acid burn through the battery acid! Keep children away from batteries and acid!
- Please note the operating instructions of the solar charge controller, the solar module and the battery as well!
- When connecting the cables, make sure the polarity is correct! All work must be carried out in compliance with the national provisions and the local regulations!
- Do not use defective components and keep the intended use of the system!

For the installation you need well isolated tools:



■ small screwdriver



■ pliers



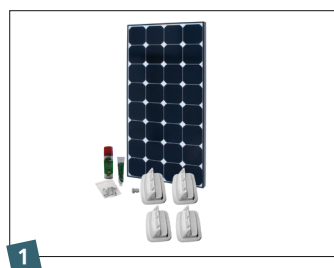
■ carpet knife

Glue assembly profiles and fix solar module

- Solar module
- Module fixture kit
- Glue set

Step 1

Please observe the manual of the manufacturer when you glue the assembly profiles and fasten the solar module. Please make sure to keep the module cable clamps accessible after glueing.

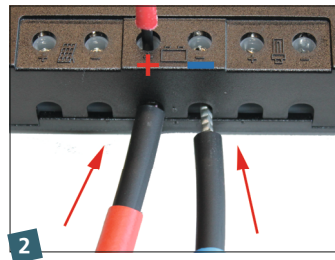


Connect battery with solar charge controller

Step 2

Attention: Use battery cables with fuse! Remove the fuses during the installation.

Loosen the screws distinguished with a battery label at the solar charge controller. Insert the red labelled wire end sleeve of the battery cable into the positive contact (+) and the blue labelled wire end sleeve into the negative contact (-). Tighten the screws. Connect the battery cables with the battery and insert the fuse once again.

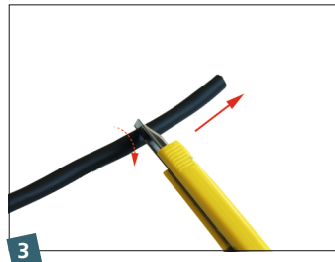


Connect solar module with solar charge controller

- Solar module
- Module cable

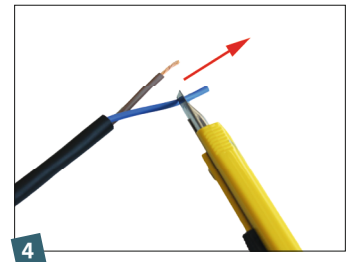
Step 3

Strip the insulation off the module cable. Carefully cut a piece of the upper coating and remove it, so two individual wires appear.



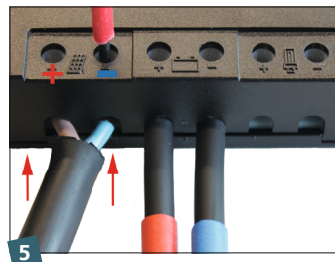
Step 4

Strip 10 mm of the insulation. Carefully cut the two wires and remove the coating.



Step 5

Untighten the screws marked with a solar module label on the solar charge controller. Lead the positive wire (brown) into the positive contact (+) and the negative wire (blue) in the negative contact (-). Tighten the screws.



Step 6

Connect the solar module with the solar charge controller.

