

Manual

Energy Generation Kit Solar Rise Two 2.0

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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



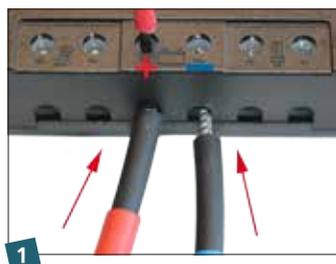
■ carpet knife

Connect battery with solar charge controller

- Charge controller
- Battery
- Battery cable

Step 1

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.



Step 2

Loosen the screws at the battery terminals. Tighten the red marked ring terminal at the positive terminal (+) and the blue marked ring terminal at the negative terminal (-). Insert the fuse once again.



Connect solar module (s) to solar charge controller

- Solarmodule
- Branch connector
- Junction box

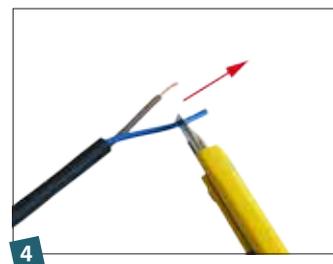
Step 3

Strip the insulation of one cable end. Cut a piece of the upper coating carefully and remove it, so two individual wires will appear.



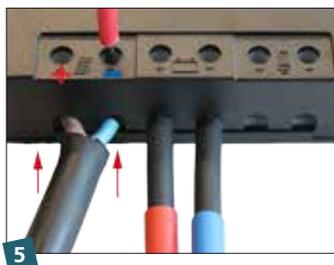
Step 4

Strip 10 mm of the insulation of the two wires. Cut the two wires carefully and remove the coating.



Step 5

Loosen the screws distinguished with a solar module label at the solar charge controller. Insert the positive wire (brown) into the positive contact (+) and the negative wire (blue) into the negative contact (-). Tighten the screws.



Step 6

Connect the solar modules with the solar charge controller by means of the branch connectors.

