Solar Energy
westech
make energy efficient

Operating instructions

Solar case
Foldable solar panel









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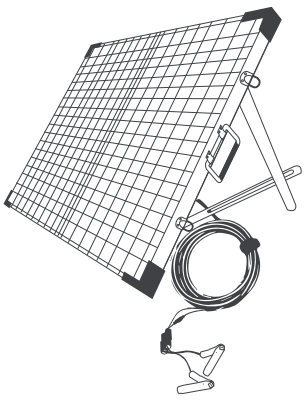
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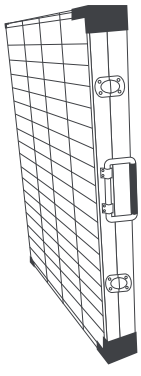


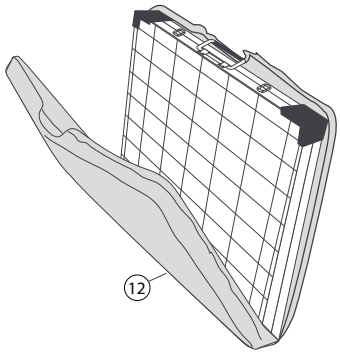
Your mobile power plant - use solar energy anytime and anywhere!

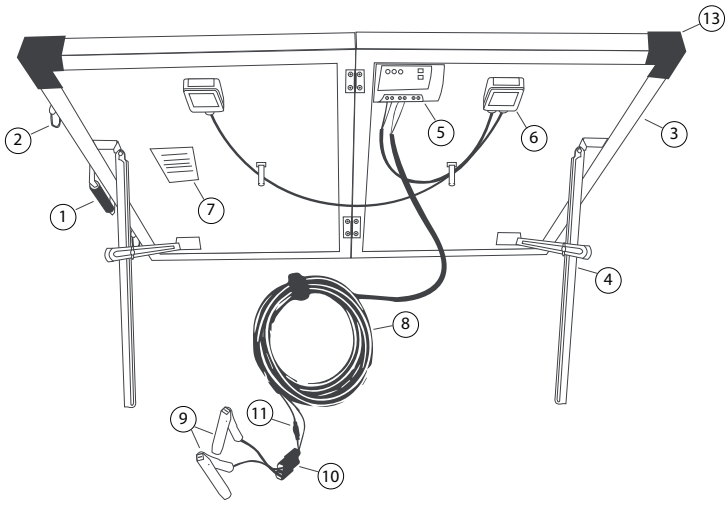
With the Westech solar suitcase, you will never miss a ray of of sunshine. Its size and manageability offers many application possibilities. It is ideal for powering small consumers such as lights, radios, pumps, fans, laptops, etc. on holiday when camping, boating or hiking.

Simply set up in a suitable place, charge a battery and connect consumers at the same time.









1. Handle
2. Lock
3. Aluminium frame
4. Aluminium supports
5. Charge controller with USB
6. Connection box
7. Label
8. Cable
9. Battery clamps
10. Anderson plug
11. Fuse
12. Soft case
13. Corner protector

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Installation:

1. For the ideal location, find an accessible, sunny place, free from hanging branches and obstacles.
2. Remove the solar panel set from the soft case.
3. Open the two fasteners on the side and unfold the panels.
4. Extend the two supports to the maximum length and lock them in place with the existing screw connection.
5. Place the solar panel set in the direction of the sun.
6. Connect the plug-in connection between the solar controller and the battery cable, making sure that the battery terminals do not come into contact.
7. Connect the + positive (red colour) and - negative (black colour) battery terminals to the correct poles of your battery. Make sure that the
   and tight fit of the clamps.

Note: To obtain maximum performance, it is recommended to adjust the orientation towards the sun throughout the day..

Frequently asked questions:

Question: What types of batteries can be used with this set?
Answer: 1. lead batteries, 2. gel batteries, 3. AGM batteries.
Question: Can the solar panels overcharge my battery?
Answer: The charge controller constantly controls the charge of the battery, overcharging is not possible.
Question: Can I extend the battery cables?
Answer: Extending the cables can lead to voltage losses, the solar panels no longer have enough power to charge the battery.
Question: How do I clean the solar panels?
Answer: Remove loose dust and dirt from the panel surface with a soft broom. Stubborn dirt can be removed with a damp cloth. It is recommended to remove heavy soiling (bird droppings) regularly, these can permanently damage the oberfläche.

Properties:

Type	Size	Weight	Nominal power	MPPT Voltage	MPPT Current	Open-circuit voltage	Short-circuit-current
Panel	mm	kg	W	V	A	V	A
2 x 65 W	615x590x30	11,8	130	20,5	6,35	24	6,66

Connections:

- USB connection (e.g. mobile phone charging)

Warranty:

The total warranty is 2 years.

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