

Manual

1. Product name: Solar-Power FS1500Ks 160W semi-flexible solar module

2. Manufacturers: AIRBATT (ACCU-24 Batterien & Systeme GmbH, Untergasse 5, 63688 Gedern)

3. Application and short description:

Flexible, lightweight photovoltaic module – customised solution for the glider transport trailer.

Technical data:

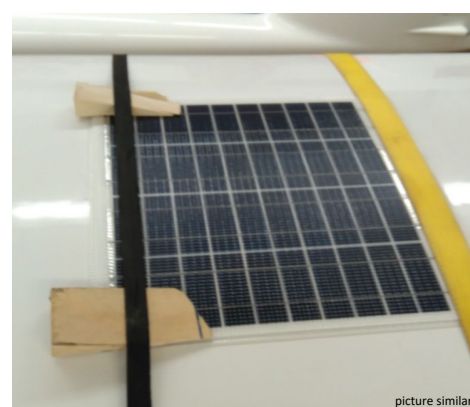
Dimensions:	699 x 1434 x 2 mm
Weight:	3,1 kg
Module Power P_{mpp} :	160W _{peak}
Module voltage U_{mpp} :	18,3V U_{oc} : 22,1V
Module electricity I_{mpp} :	9,1A
Bonnection socket	backside IP67 cable
Operating temperature:	-40 to 85°C

4. Mounting instructions:

1. Position the module on the trailer and use a pencil to draw the position and outline of the module on the trailer.
2. Draw the position of the junction box on the back of the solar cell on the trailer cover.
3. Use a jigsaw to cut out the cover so that the cable box can be sunk into it. The cables can also be shortened.
4. Clean the bonding surfaces on the trailer cover and on the module according to the manufacturer's instructions. The bonding surfaces are approx. 1 cm at the module edge and 1 cm around the connection box, and the rest of the tube is distributed over the surface on the underside of the module.
5. Apply the Dekalin adhesive to the trailer cover using a silicone syringe in the form of an approx. 8 mm sausage.
6. Place the module on top and align it. Pull the module down with the help of roof battens and 4 straps that go around the trailer.
7. Smooth the protruding adhesive with a spatula or your index finger at the transition. A soap solution can also be used to smooth it, as with silicone.
8. After the prescribed drying time, the charge controller can be connected. A different cable can be used from the module. The cable is exchanged at the cable junction box. We recommend a more flexible cable with a cross-section of 2x1.5 sq mm. The hole in the lid can be covered from the inside with a piece of cloth.



picture similar



picture similar