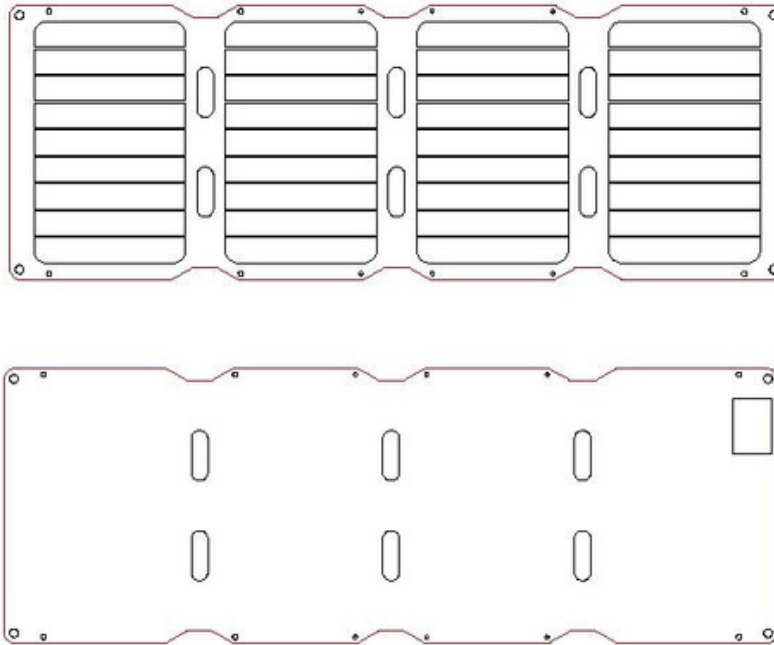


# **Product specification**

**Best.nr: 20121734**

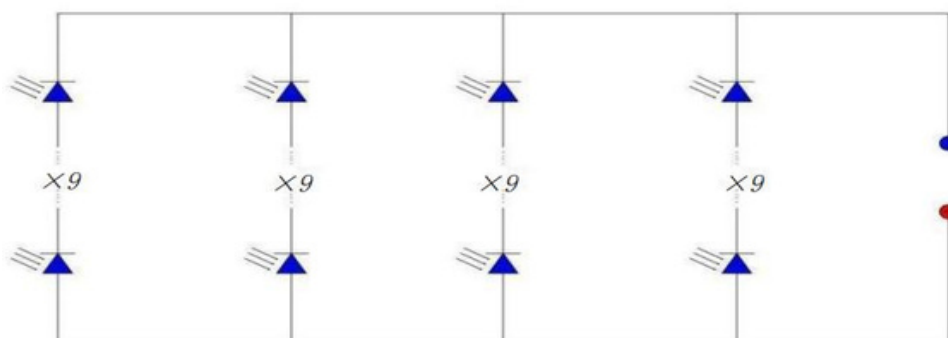
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**1. Positive and negative effects of bare solar panels: (attached map)**



**(Positive and negative effects of bare solar panels)**

**2. Working mode of solar panels: (attached drawing)**



(Fig. 2-1) Working schematic diagram of the solar panel

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### 3. Electrical performance parameters of the solar panel output end

Peak power (W):	40W	± 5%
Operating voltage(V):	19.44 V	± 5%
Operating current(A):	2.06 A	± 5%
Open-circuit voltage((V):	23.6V	± 5%
Short-circuit current(A):	2.22A	± 5%

STC: Standard Tested Condition :AM=1.5 , 25°C , 1000W/m

### 4. Size and specifications of finished solar panels (cutting process: machine cutting)

Expand the size :	328*928*17mm
finished weight :	0.91±0.10kg

### 5. Solar panel composition and material specifications

Solar panel composition materials: composite material, photovoltaic welding strip, solar cell, EVA, woven copper strip, ETFE film, sandwich cloth, back waterproof cloth, buckle, mother screw buckle, gun black button, handle case, elastic belt.

Composite material:	fibre material
Photovoltaic welding tape:	1.2*0.9mm
Woven copper tape:	3* 3 0mm 0.18mm ,
Solar energy cell piece:	182-10BB 0.45mm
EVA:	0.02mm, matte surface
ETFE:	0.3 mm 0.4 mm
Mezzanine fabric:	
The back cloth:	
Hand shell:	USB TYEP-C DC with 2m DC line

## 12. Finished product rendering drawing and quotation

