

# Solar Panel

## User Guide

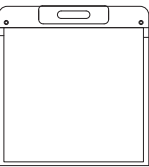
Model: PV220

Contact Us:  
www.bluettipower.com  
service@bluettipower.com

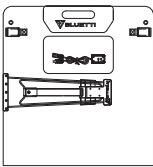


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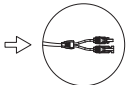
#### What is in the box



Solar Panel



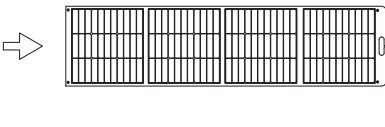
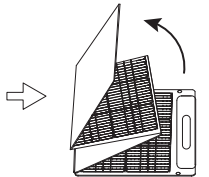
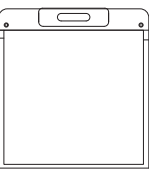
MC4 Cable



User Manual & Warranty Card

#### How to use

##### 1 Unfold

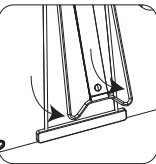


##### 2 Adjust the kickstand

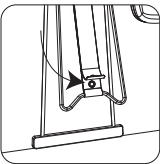


##### 3 How to use the kickstand

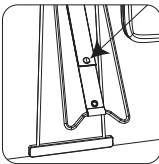
Open the kickstand, adjust the angle, stabilize the panel, fold the kickstand.



Pull out

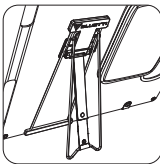


Unbuckle

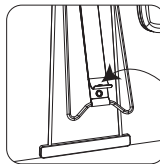


Buckle up

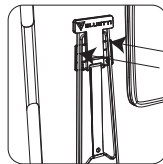
### User Guide



Fix

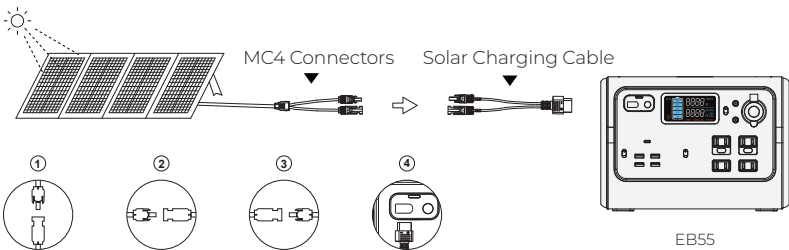


Buckle up



Press to fix

#### 4 Connect to power station



#### Note:

Use ONLY ONE PV220 solar panel with EB55,EB70.  
Whether connected in series or parallel, make sure the total voltage of solar panels is under the power station's input voltage limit.

#### Attention

Regular inspection and maintenance are required to prolong the lifespan of solar panels.



No fall



No soak



No bend



No shading



No scratch

#### Warning:

Do not use solar panels in extreme weather conditions like thunderstorms, floods, typhoons, etc.  
Always use solar panels within the specified temperature range (14-149°F/-10-65°C).

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#### Technical details

PV220		
Maximum Power(Pm)		220W*
Open circuit voltage		21.6V
Short circuit current		13.5A
Cell efficiency		Up to 23.4%
Cell lamination		ETFE
Cell type		Monocrystalline silicon
Operating temperature		14-149°F/-10-65°C
General		
Weight		20.5lbs / 9.3Kg
Dimensions	Unfolded	94.2*23.8in / 2395*605mm
	Folded	23.8*25.1*1.7in / 605*638*45mm
Warranty		
12 Months		

\* STC: Irradiation 1000W/m<sup>2</sup>, cell temperature 25°C, atmospheric mass number AM 1.5, measurement tolerance ±3 % (Pm).

#### Frequently asked questions

##### Is the solar panel waterproof ?

No. The solar panel is IP65 water-resistant that provides protection against water splash. Please do not leave it in the rain or water for a long time.

##### What will affect the final conversion efficiency of solar panels ?

The actual solar panel efficiency may be affected by several factors, like weather, sun intensity, shading, panel orientation, temperature, location, dust and dirt. For example, if you live in a place without much sunlight or your panels are covered by shade, you'll get a very low output or none at all.

##### Is the BLUETTI' s solar panel compatible with the third party' s power station ?

Yes. Make sure BLUETTI solar panels' voltage is compatible with your power stations' voltage limit, while you're using the same connector. Please feel free to contact us for compatibility with other power stations.

