

Solar Panel

User Guide

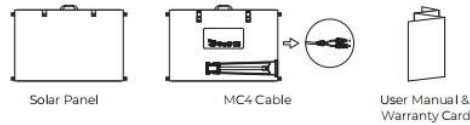
Model: PV420

Contact Us:
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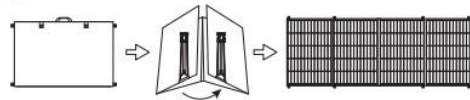
User Guide

What is in the box



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.



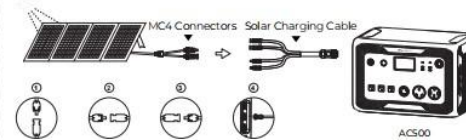
Pull out

Unbuckle

Buckle up



4 Connect to power station



Note:
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.



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

PV420	
Rated power	420W
Open circuit voltage	44.3V
Short circuit current	12.2A
Cell efficiency	Up to 23.4%
Cell lamination	ETFE
Cell type	Monocrystalline silicon
Operating temperature	14-149°F/10-65°C
General	
Weight	30.8lbs / 14Kg
Dimensions	Unfolded 105.3*38.3in / 2675*975mm
	Folded 38.3*25.9*17in / 975*660*45mm
Warranty	
12 Months	

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, weather, sun intensity, shading, panel orientation, temperature, location, and 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.

FC CE RoHS IP65