

# Solar Panel

## User Guide

Model: SORA 60

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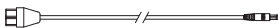


### User Guide

#### What is in the box



Solar Panel



1.2 meters DC5521 to XT60 connector



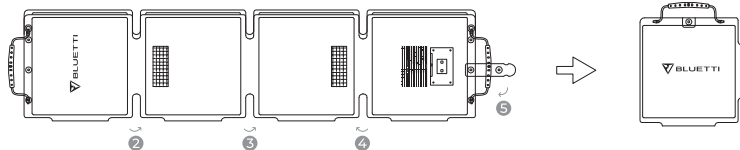
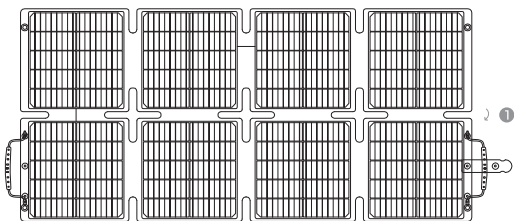
carabiner × 2



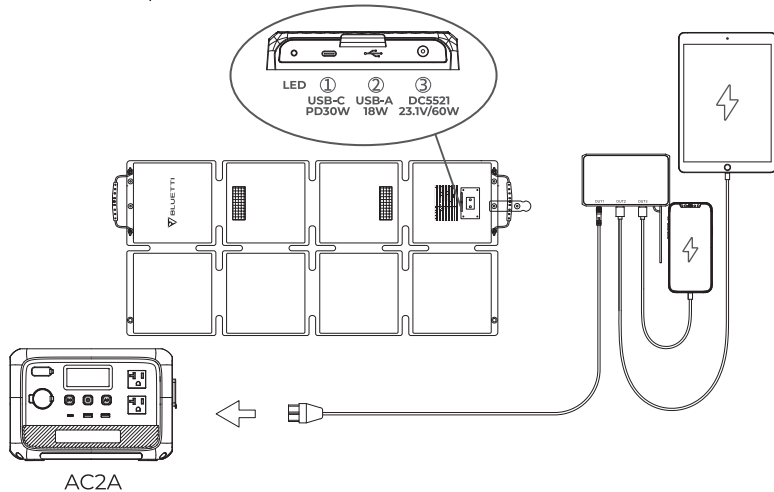
User Manual & Warranty Card

#### How to use

##### 1 Unfold



##### 2 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.



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 (-13-149°F/-25-65°C).

#### Technical details

SORA 60		
Maximum Power(Pm)		60W
Solar Cell Lamination		ETFE
Cell Efficiency		Up to 24.7%
Voltage at Max Power(Vmp)		23.1V
Current at Max Power(Impp)		2.58A
Open Circuit Voltage(voc)		27.5V
Short Circuit Current(Isc)		2.76A
Operating Temperature		-25~+65°C
Best Working Temperature		25°C
Folding Number		8 Folds
Multifunctional Adapter		
DC 5521		60W Max
USB-A		5V-3A, 9V-2A ,12V-1.5A
USB-C		5V-3A, 9V-3A, 12V-2.5A ,15V-2A,20V-1.5A
General		
Weight		3.09 lbs / 1.4 kg
Dimensions	Unfolded	35.4*16.7 in / 900*424 mm
	Folded	8.9*8.3*2.8 in / 226*210*70 mm

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#### 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.



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