



# User Manual

B446  
Output: 200W / 18V

US

Thank you for purchasing BigBlue 200W solar panels. Please read this manual carefully to make full use of the characteristics and functions before use.

## Introduction

1. Made with monocrystalline solar panels, the performance is reliable and stable.
2. The conversion efficiency of solar panels is more than 20%.

## Specifications

Model	B446
Rated Power	200±3%
Working Voltage	18±3%
Working Current	10.55±3%
Open Circuit Voltage	21.6±3%
Short Circuit Current	11.6±3%
Folded Size	530*530*60mm
Expanded Size	2840*530*5mm
Weight	About 8.5kg

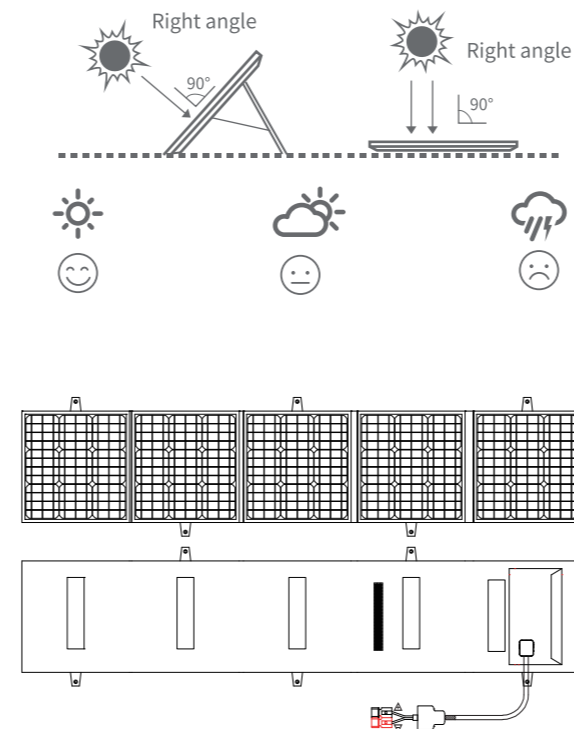
## Package Contents

- 1\* BigBlue 200W Solar Panel
- 1\* User Manual

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## User Guide

1. Unfold the solar panel, and open the bracket.  
(Please put solar panels toward sunlight at an angle of 90° to receive more sunlight.)
2. Integrate an Anderson cable, you can charge the suitable solar generator.



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## Q&A

1. Why my electronic device can't be charged?  
Is your device connected to the solar panels or the cable works normally? Re-insert your device or test a new cable.  
Does the solar panel face toward the sunlight? Is there a shaded area on the panel?  
Adjust the solar panels and the position toward the sun.  
Is the surface of the solar panel contaminated with dirt or blockages? Clean the surface of the panel with a cloth.  
Avoid other obstacles obstructing the solar panel.

2. Why my electronic equipment charge slowly?  
1. Check the use environment and weather. The output will be slow in cloudy, rainy and other extreme weather.  
2. Replace with a new cable and try again.  
Do not leave your electronic equipment in direct sunlight or overheated places for a long time.

3. What is the difference between the nominal output of the solar panel and the actual output?  
The nominal maximum output (rated output) of a solar panel is a value calculated through STC (standard test conditions, the world-recognized standard test conditions for ground solar cell modules). Under "standard conditions", the surface temperature is 25°C, the air quality is 1.5, and the sunshine intensity is 1000 W/m<sup>2</sup>.

## Notes

- ※ Please place the solar panel under direct sunlight and do not cover it with anything else.
- ※ Connect your device and solar charger with the included cable or other certified power cable to start charging.
- ※ In order to get the maximum solar energy, please adjust the solar panel toward the sun.
- ※ Do not expose your smartphone or tablet to direct sunlight.
- ※ Overheating will cause damage.
- ※ Do not stab, throw, drop, bend or modify this product.
- ※ Do not let children play with this product.

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## Warranty

Our company provides customers with a warranty of 18 months from the date of purchase.

## Contact

For any inquiries or comments concerning our products, please send an email to [support@ibigblue.com](mailto:support@ibigblue.com), and we will respond to you as soon as possible.



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