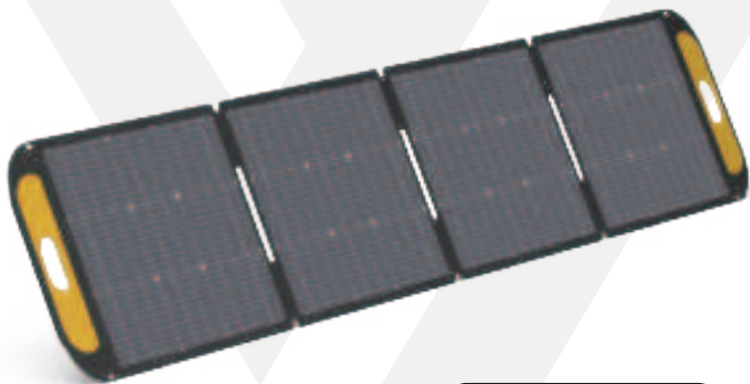


# Portable Solar Panel

Model No.: YT-0276



**VS200 PRO**

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## User Manual

## 1. Product Highlights

01

### **25% High Energy Conversion**

Crafted with Topcorn solar cells, boasting an exceptional 25% conversion efficiency, surpassing conventional panels for optimal energy absorption.

02

### **Wide Compatibility**

Compatible with MC-4, Anderson, XT60, XT90, and DC5521 connectors, ensuring seamless integration with the majority of power stations available.

03

### **Fast and Easy Set Up**

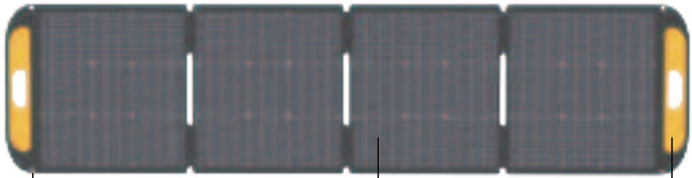
Features adjustable kickstands for swift ground setup and metal grommets for effortless hanging on balconies and RVs, facilitating quick deployment in any environment.

04

### **Foldable & Portable**

Designed for portability, Vtoman solar panels can be easily folded into compact sizes, offering unmatched flexibility for outdoor and off-grid applications.

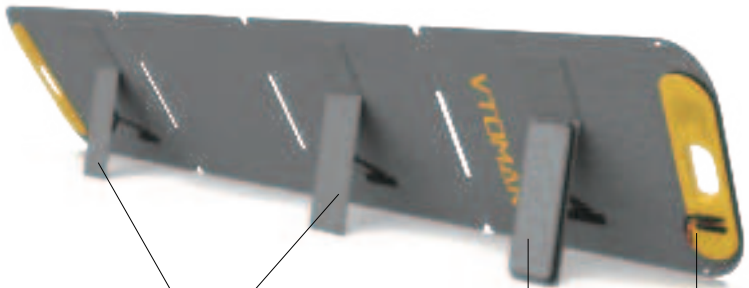
## 2. Product Overview



Metal grommets

Topcorn solar cells

Handle



Kickstands

Cable storage bag

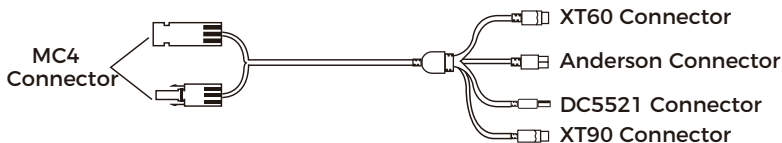
MC4 Connector

### 3. How to Use

**Tip:** The solar panel comes with a MC4 to XT60/XT90/Anderson/DC5521 adapter cable that allows it to connect to any Vtoman portable power station. Also please note that the open voltage of the solar panel has to be compatible with the input voltage of the portable power station.

#### Anderson connector

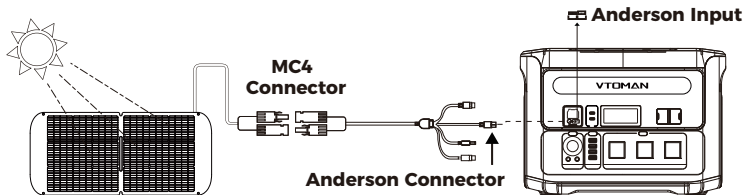
suitable for the Anderson input port of Vtoman portable power station.



MC4 to XT60/XT90/Anderson/DC5521 Adapter Cable

#### Anderson Connector:

1. Open the zipper of the cable storage bag and take out the MC4 to XT60/XT90/Anderson/DC5521 adapter cable.
2. Connect the MC4 connector on the cable to the solar panel, and connect the Anderson connector on the cable to the Anderson input port of the portable power station.



## 4. Frequently Asked Questions

**Q:** What kind of batteries can be charged by VTOMAN solar panels?

- 1.VTOMAN portable power station
- 2.Portable power station of other brands
- 3.Sealed lead-acid battery
- 4.Colloidal lead-acid batteries
- 5.The open lead-acid batteries

**Q:** How to clean the surface of solar panel?

Dust and dirt on the surface should first be removed using a soft brush. Use a damp cloth to wipe the surface of the solar module to remove any remaining dust or dirt. Any guano or other adhesive should be removed as soon as possible from the solar surface to avoid a reduction in performance.

**Q:** Are the foldable solar panels waterproof?

Yes, the product meets IP67 water proof, which maximizes the lifespan of the solar panel.

## 5. Specifications

Product Name:	VS200 PRO
Model No.:	YT-0276
Peak Power:	200W
Working Voltage:	43.2V
Working Current:	4.7A
Open Voltage:	50.4V
Short Circuit Current:	4.9A
Waterproof Level:	IP67
Conversion Efficiency:	25%
Net Weight:	17.86lbs
Folded Dimensions:	584*601*50mm
Unfolded Dimensions:	2154*601*4mm

## 6. Safety Tips

- \* Do not flex or bend the folding solar panels.
- \* Do not place folding solar panels in shaded places, while tree shades, buildings, and any other obstructions should be minimized.
- \* Do not soak the solar panels in water or other liquid.
- \* Do not clean the solar panel with water, please gently wipe it with a damp cloth.
- \* Do not use or store solar panels near open flames or flammable materials.
- \* Do not scratch the surface of solar panels with sharp objects.
- \* Prevent corrosive substances from damaging solar panels.
- \* Do not step on or place heavy objects on the solar panels.
- \* Do not disassemble the solar panels.

\* The output circuit of the solar panels must be correctly connected to the equipment. Please do not short-circuit the positive and negative poles. Ensure that there is no gap between the connector and the insulated connector. If there is a gap, sparks or electrical shocks will occur.

\* Check the connection status of each component, including cables, wires and plugs.

## 7. Warranty

VTOMAM offers a limited warranty for the original purchaser that covers the product from defects in workmanship and materials for 24 months from the date of purchase (Damages from normal wear and tear, alteration, misuse, neglect, accident, service by anyone other than authorized service center, or act of God are not included). During the warranty period and upon verification of defects, we'll provide a replacement when customer returns the product with proper proof of purchase.

## 8. Customer Service



**24 Months Limited Warranty Service**



**Lifetime Technical Service**



**Feel Free to Contact Us**  
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