

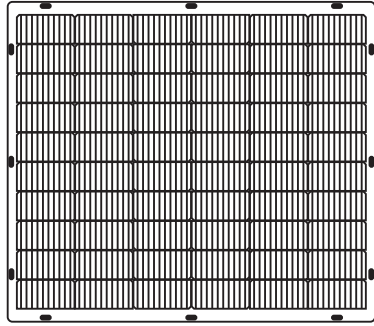
正面

74mm

105mm

MARSTEK

220W FLEXIBLE SOLAR PANEL



USER MANUAL

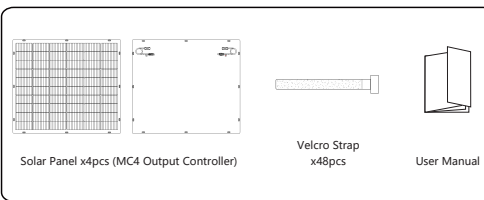
BALCONY SOLAR POWER SYSTEM

Solar Panel Technical Parameters

SPECIFICATIONS

| | |
|----------------------------|-------------------------|
| Model Number | MST-FSP-220W |
| Peak Power(Pmax) | 220W |
| Tolerance(Tol) | ±5% |
| Open Circuit Voltage(Voc) | 20.81V |
| Short Circuit Current(Isc) | 12.96A |
| Voltage at Pmax(Vmp) | 17.82V |
| Current at Pmax(Imp) | 12.35A |
| Cell Efficiency(%) | 23~24% |
| Cell Type | Monocrystalline silicon |
| Maximum System Voltage | 600VDC |
| Maximum Series Fuse | 15A |
| Operating Temperature | -20~+60°C |
| Weight | 3.9±0.3kg |
| Dimensions | 1010x1160x3mm |

What's in the Box

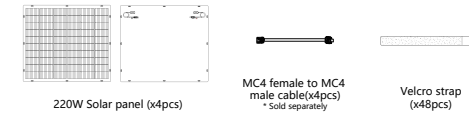


Installation

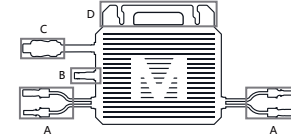
IMPORTANT INFORMATION BEFORE INSTALLATION

1. Refer to the local building regulations before installing your balcony system.
2. Utility providers may require an announcement before installation. Refer to the website of your utility provider before starting the installation.

SOLAR PANEL X4



MICROINVERTER X1 (Sold Separately)



| | | | |
|---|-------------|---|--|
| A | DC terminal | B | WiFi or 4G wireless communication terminal |
| C | AC terminal | D | Handle for fixing |



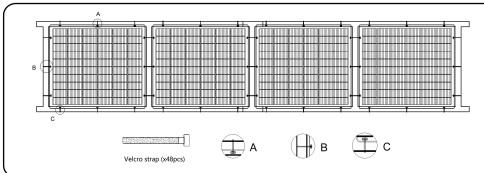
背面

MARSTEK

Power Anywhere & Anytime.

Marstek Energy Co., Limited
 Add: Rooms 1318-19, 13/F, Hollywood Plaza, 610 Nathan Road Mongkok, Kowloon, Hong Kong.
 Web: www.marstekenergy.com
 Made in China

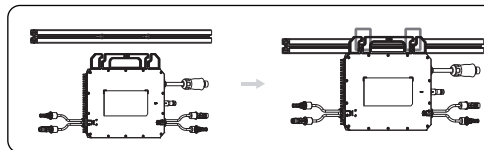
STEP 1 Fix the solar modules



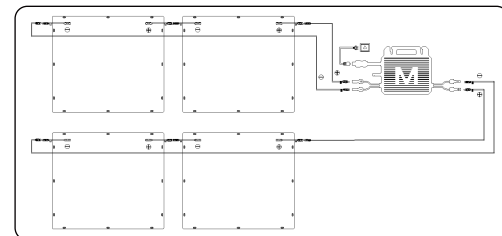
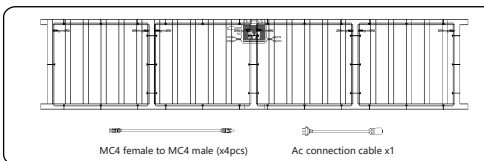
Fix the modules one by one in the order "A" "B" "C".
 As shown in the diagram above, each solar panel uses 12 strap.

STEP 2 Installation of Microinverter

As shown in the figure below, use a strap clip to fix the microinverter, or another suitable Make sure, that there is enough air flow around the inverter for cooling purposes.



STEP 3 Connection between solar panels and microinverter



1. As shown in the above figure, after each two solar panels are connected in parallel, they serve as one output and are connected to the microinverter.
2. Before connecting to the inverter, a multimeter can be used to test whether the no-load voltage and current output of the PV are normal.
3. Please refer to the inverter product operation manual for inverter startup.

Safety Tips

- * Do not over bend the solar panel too much in case it will break off.
- * Do not immerse the Solar Panel in water.
- * Do not clean the solar panel with water, with the wet cloth gently scrub it.
- * Do not use or store the Solar Panel near sources of heat, such as a fire or heater.
- * Do not put the Solar Panel into a fire or apply direct heat to it.
- * Do not pierce the Solar Panel casing with a nail or other sharp object, break it open with a hammer, or step on it.
- * Do not attempt to disassemble the Solar Panel in any way.
- * Please follow the instructions to install the solar panel. incorrect installation methods can cause damage to the solar panel or affect its lifespan.
- * This product should not come into contact with any corrosive objects.

Warranty

The product is covered by a limited warranty from MARSTEK 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, this product will be replaced when returned with proper proof of purchase.

Contact us

For any inquiries or comments concerning our products, please send an email to market@marstekenergy.com, and we will respond to you as soon as possible. If there is any quality related issue with the product, you may request a replacement or refund by submitting a request form at www.marstekenergy.com

料号: 43AAO2030001
 品名: PV-01,说明书,03,MST-FSP-220W;MARSTEK,国外,
 尺寸: 74*105mm,
 材质: 100g, 黑色印刷, 风琴折