

# HF100 Solar Panel

Recharge wherever there's sunshine



Foldable



Portable



Waterproof



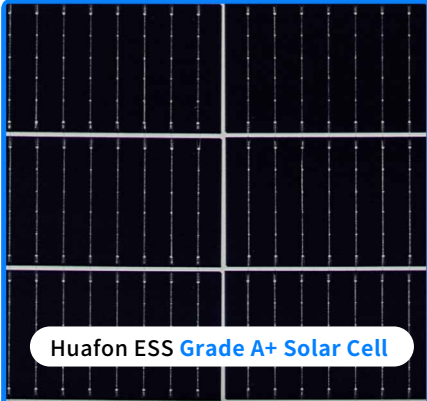
DC 5525



Conversion  
Rate

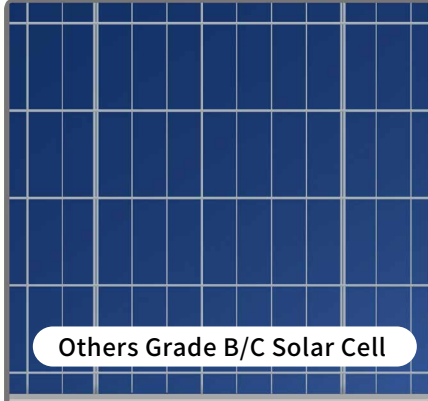


# I What Makes A Great Solar Panel?



Huafon ESS **Grade A+ Solar Cell**

**≥23%**  
Higher Conversion Efficiency



Others **Grade B/C Solar Cell**

**19%-20%**  
Average Conversion Efficiency

# I Wide Range of Applications



# I Great Option for Outdoor Activities

## IP 67 Waterproof & Durable

IP67 protection withstands water splashes, scratches and dust.  
Seamless & One-piece design handles unpredictable weather conditions.  
Greater durability and mobility to stand the test of time.



### Lightweight and Foldable

Light weight of only 6.5 kg  
Folds into briefcase size  
Ergonomic handle design



### Adjustable Bracket

Adjustable Kickstands makes it easy to install and adjust its angle for better sunlight absorption.



# I Power Up for More Situations

## Seamless & Broad Compatibility

DC5525 for plug and play.

## Perfect Match with JoyDeer 600

Only 6 hours to fully charge a portable power station JoyDeer 600\*  
Get rid of power shortage anxiety, recharge wherever there's sunshine.

\*The charging rate of solar panels is affected by the weather.



# HF100

## Solar Panel



| Specification               |                                 |
|-----------------------------|---------------------------------|
| Power                       | 100W                            |
| Cell Type                   | Monocrystalline Silicon         |
| Cell Efficiency             | ≥22.4%                          |
| Weight                      | 4.5kg/9.9lbs                    |
| IP Protection               | IP67                            |
| Voltage at Max Power (Vmp)  | 20.16V                          |
| Current at Max Power (Imp)  | 4.96A                           |
| Open Circuit Voltage (Voc)  | 24.2V                           |
| Short Circuit Current (Isc) | 5.2A                            |
| Connector                   | Junction box, DC5525            |
| Dimension (Unfolded)        | 1630*438*5mm/64.17*17.24*0.19in |
| Dimension (Folded)          | 438*432*50mm/17.24*17.01*1.97in |
| Operating Temperature       | -10°C~70°C/14°F~158°F           |
| Cable Length                | 1.5m                            |
| Certifications              | CE ROHS FCC PSE                 |
| Warranty                    | 24 Months                       |



🌐 [www.huaFon-ess.com](http://www.huaFon-ess.com)

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