

≡COFLOW

SOLAR PANEL

Contact Us:

support@ecoflow.com

www.ecoflow.com

What's in the Box



Kickstand Case



Solar Panel

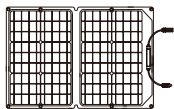


MC4 Output Controller



User Manual
& Warranty Card

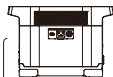
Connection method



Solar Panel



Solar Charging Cable
* The accessory is sold separately



EcoFlow DELTA
(Sold Separately)

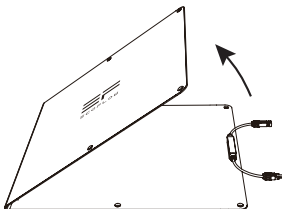


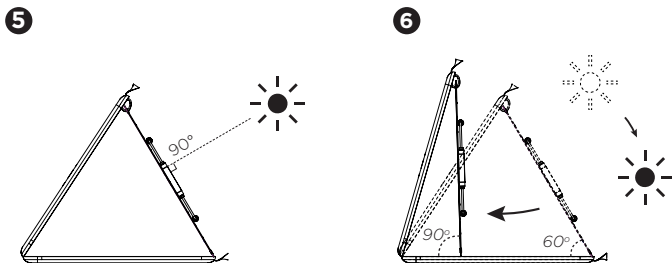
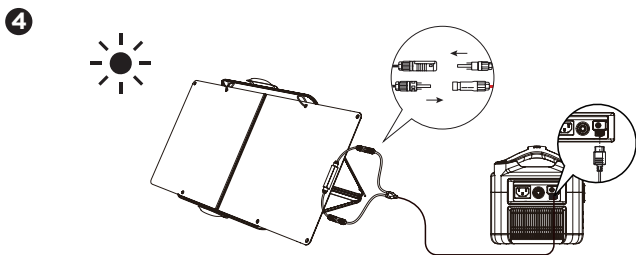
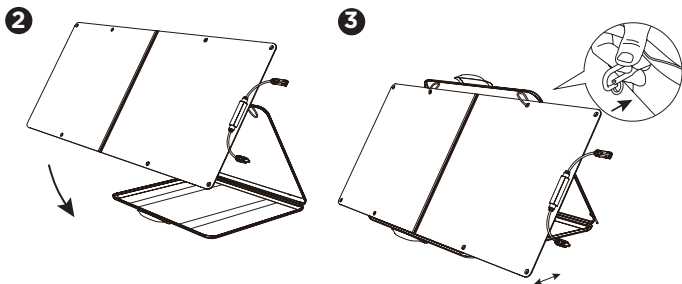
EcoFlow RIVER series
(Sold Separately)

Portable power stations

How to set up your solar panel

1





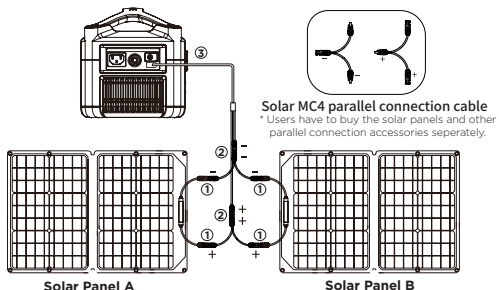
In order to increase the efficiency of the EcoFlow Solar Panel, use it in direct sunlight, position it perpendicular to the sunlight, and make sure the solar panels are unobstructed.

The carrying case also doubles up as a kickstand, which enables you to position the solar power in a 60° to 90° angle.

Connecting the Solar Panels in Parallel or in Series

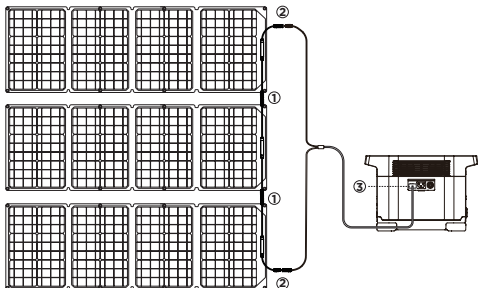
Wire solar panels in parallel (refer to the figure below)

1. Connect the positive poles of the two solar panels with the MC4 parallel cable and repeat the step for the negative poles.
2. Connect the parallel cable connectors (output side) with the MC4 connectors of the Solar Charging Cable (MC4 to XT60 cable) respectively.
3. Connect the XT60 connector on the Solar Charging Cable (MC4 to XT60 cable) to the XT60 port on the portable power station to recharge the unit.



Wire solar panels in series (refer to the figure below)

1. Snap the male connector of one solar panel into the female connector of the other respectively to wire the three solar panels in series.
2. Wire the two connectors that are unwired in step 1 with the Solar Charging Cable (MC4 to XT60 cable) respectively.
3. Connect the XT60 connector on the Solar Charging Cable (MC4 to XT60 cable) to the XT60 port on the portable power station to recharge the unit.



FAQ

Are EcoFlow solar panels waterproof?

EcoFlow Solar Panels are waterproof, which means you can use them in outdoor environments. They are also IP67 rated, dustproof, and protected from moisture. If you wish to clean your solar panel, use a gentle stream of water and avoid high-pressure water sources such as a jet spray, as these devices can damage the solar panels.

Does the charging speed of EcoFlow solar panels vary?

Solar panel charging speeds vary with different operating and environmental conditions:

Weather: Solar panels may have lower outputs in cold, cloudy, and rainy conditions;

Positioning: Solar panels may have lower outputs when they are not directly facing the position of the sun;

Obstructions: Solar panels may have lower outputs when placed under shade, behind other objects, or behind a window.

Note: Avoid applying external pressure to the solar panels; doing so can damage the solar panel cells and result in reduced outputs.

Can EcoFlow solar panels be used in extreme weather conditions?

Please use the solar panels in stable weather conditions. The optimal temperature range for normal use and storage of EcoFlow solar panels is -4°F to 185°F (-20°C to 85°C). Do not use solar panels during severe weather conditions, such as thunderstorms, strong winds, and hailstorms.

Can EcoFlow solar panels store power themselves?

Solar panels convert solar energy into electricity and pass it as a DC current to an EcoFlow power station, as opposed to storing power themselves.

Technical Specifications

160W Solar Panel
Rated Power: 160W(+/-5W)*
Open Circuit Voltage: 21.4V(Vmp 18.2V)
Short Circuit Current: 8.8A(Imp 9.6A)
Efficiency: 21%-22%
Cell Type: Monocrystalline silicon
Connector type: MC4
Operating & Storage Temperature: -4° F to 185° F (-20° C to 85° C)
General
Weight: 15.4 lbs(7.0KG)
Solar Panel: 11 lbs(5.0KG)
Unfolded Dimensions: 26.8*61.8*1.0 in (68*157*2.4 cm)
Folded Dimensions: 26.8*16.5*1.0 in (68*42*2.4 cm)
Warranty: 12 months <small>*Warranty period may vary according to local laws and regulations.</small>
Tested And Certified

60W Solar Panel
Rated Power: 60W(+/-5W)*
Open Circuit Voltage: 21.6V(Vmp 18.2V)
Short Circuit Current: 3.5A(Imp 3.3A)
Efficiency: 21%-22%
Cell Type: Monocrystalline silicon
Connector type: MC4
Operating & Storage Temperature: -4° F to 185° F (-20° C to 85° C)
General
Weight: 8.8 lbs(4KG)
Solar Panel: 4.4 lbs(2.0KG)
Unfolded Dimensions: 21*32.1*1.0 in (53.7*81.5*2.4 cm)
Folded Dimensions: 21*16.5*1.0 in (53.7*42*2.4 cm)
Warranty: 12 months <small>*Warranty period may vary according to local laws and regulations.</small>
Tested And Certified

110W Solar Panel
Rated Power: 110W(+/-5W)*
Open Circuit Voltage: 21.7V(Vmp 18.5V)
Short Circuit Current: 6.3A(Imp 6.0A)
Efficiency: 21%-22%
Cell Type: Monocrystalline silicon
Connector type: MC4
Operating & Storage Temperature: -4° F to 185° F (-20° C to 85° C)
General
Weight: 13.2 lbs (6KG)
Solar Panel: 8.8lbs (4KG)
Unfolded Dimensions: 20.2*62.5*1.0 in (51.4*158*2.4 cm)
Folded Dimensions: 20.2*16.5*1.0 in (51.4*42*2.4 cm)
Warranty: 12 months <small>*Warranty period may vary according to local laws and regulations.</small>
Tested And Certified

*Standard Test Conditions:1000W/m2, AM1.5, 25°C