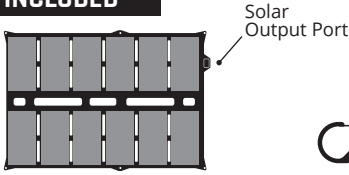


**USER GUIDE**  
MODEL 800360

Please review the following information before using your Ascent XD™48 Solar Charger.

**INCLUDED**



Ascent XD48 Solar Charger



4 x Carabiners



4 x Elastic Bands

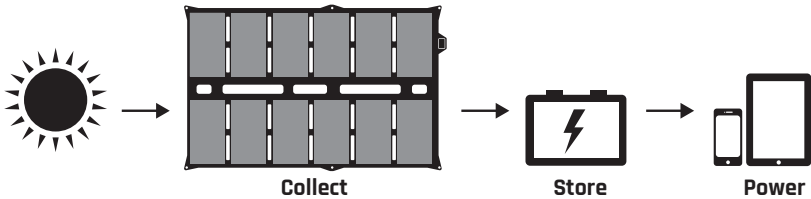


2 meter Micro-Con-X® to 7.4 x 5.0mm Dell connector cable

**HOW IT WORKS**

The Ascent XD48 is designed for outside use to charge high-capacity power banks and other compatible devices.

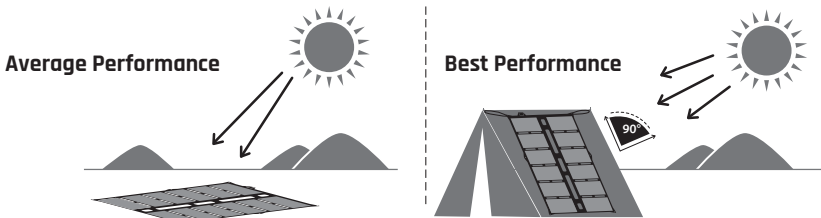
- 1. Unfold:** Completely unfold the Ascent XD48 Solar Charger to ensure all twelve panels are solar-side up and exposed to the sun.
- 2. Connect to Panel:** Locate the two-pin connection end of the 2 meter Micro-Con-X® to 7.4 x 5.0mm Dell connector cable. Plug the two-pin connection end into the solar output port on the solar charger. Turn locking nut clockwise until it clicks firmly into place.
- 3. Connect to Device:** Locate the barrel connection end on the opposite end of the connector cable. Plug the barrel connection end into the solar input port on your device.



For device charge times, please visit [www.AscentSolar.com](http://www.AscentSolar.com).

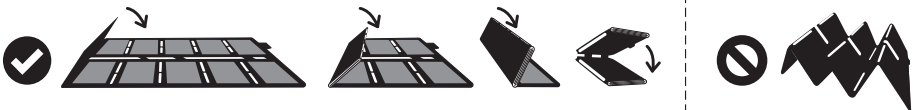
**FOR BEST CHARGING PERFORMANCE**

Ensure that the panel is angled towards the sun to receive the most direct sunlight.



**FOLDING THE ASCENT XD48**

Always ensure the panels are folded solar-side in.



## CAUTIONS & WARNINGS

- Avoid immersion in water. If unit is immersed, dry immediately with a dry cloth or towel.
- Do not bend or crease the modules except where provided for by the hinges.
- Avoid partially shading modules under load to prevent reduction in power.
- Artificially concentrated sunlight (i.e. with a magnifying glass or by other means) should not be directed onto the modules.
- Do not cut, scratch, or puncture the modules, hinges, or terminal connection box.
- Do not stand on or walk on the modules, hinges, or terminal connection box.
- Do not drop or allow objects to fall onto the modules, hinges, or terminal connection box.
- Do not attempt to open, or otherwise dismantle the terminal connection box.
- Do not leave your personal electronic devices out in sun for extended periods of time.
- Do not fold the panel incorrectly. Follow the folding instructions to prevent long term damage to the panel.
- Included carabiners are not fit for weight bearing activities, such as rock climbing. Carabiners are intended solely for solar hanging use.
- Solar panel not designed for permanent outdoor installation.

## SPECIFICATIONS

<b>Power</b>	Pmax: 48 Watts unregulated Isc: 3.0 Amps Imp: 2.7 Amps	Voc: 24 Volts Vmp: 18 Volts
<b>Weight</b>	3.75 lbs (1.7 kg)	
<b>Folded</b>	15.4 x 10.2 x 2.4 in (39 x 26 x 6 cm)	
<b>Unfolded</b>	50.8 x 31.1 in (129 x 79 cm) PV Thickness: 0.08 in (2 mm) PV + Junction Box Thickness: 1.1 in (27 mm)	
<b>Output</b>	Solar Port	
<b>Operating Temperature</b>	-40°F to 185°F (-40°C to 85°C)	
<b>Storage Temperature</b>	-40°F to 185°F (-40°C to 85°C)	
<b>Certifications</b>	CE, FCC	

\*STC: 1000 W/m<sup>2</sup>, 25°C module temperature, AM 1.5 spectrum;  
power & electrical tolerance not to exceed ±10%.

## WARRANTY, FAQs, TROUBLESHOOTING & SUPPORT

The product carries a 1 year warranty.

### For more information:

[www.AscentSolar.com](http://www.AscentSolar.com)

+1 720-872-5100

[Support@AscentSolar.com](mailto:Support@AscentSolar.com)