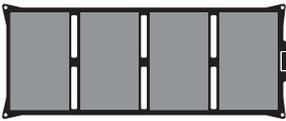


USER GUIDE

MODEL 800358

Please review the following information before using your Ascent XD™12 USB Solar Charger.

INCLUDED



Ascent XD12 USB Solar Charger

USB
Output Port



2 x Carabiners



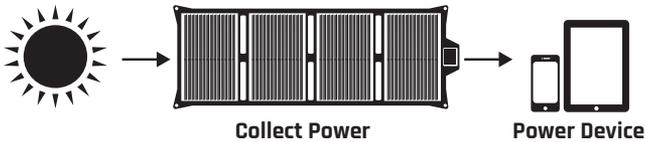
4 x Elastic Bands

HOW IT WORKS

The Ascent XD12 is designed for outside use to charge smartphones, tablets, and other 5V USB-enabled devices.

- 1. Unfold:** Completely unfold the Ascent XD12 USB Solar Charger to ensure all four panels are solar-side up and exposed to the sun.
- 2. Connect to Panel:** Locate the USB output connection end of your charging cable. Plug the USB connection end into the solar output port on the solar charger. (Note: Charging cable not included. For best results, use the original cable that came with your device or a certified third-party cable.)
- 3. Connect to Device:** Locate the opposite end on the charging cable and plug into the input port on your device.

* For optimal charging performance with Apple devices, we recommend users disconnect and reconnect their electronics every hour when dealing with cloudy or overcast conditions.

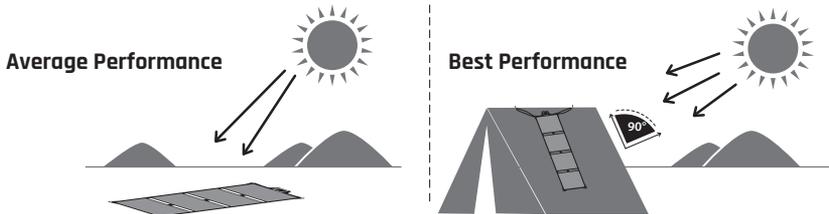


The solar charger does not store power; it uses the power of the sun to then directly charge the connected device. If you would like to store power for when the sun is not available, we recommend connecting the solar charger into a portable battery.

For device charge times, please visit 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 XD12

Always ensure the panels are folded solar-side in.



CAUTIONS & WARNINGS

- Avoid immersion in water. If unit is immersed, dry immediately with dry cloth or towel and blow out the USB port. Hang in a shady area for 2 hours with USB port facing down.
- 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 direct sunlight 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

Power	Unregulated Power: 12 Watts Regulated Power: 10 Watts	Regulated Voltage: 5 Volts Regulated Current: 2 Amps
Weight	15.5 oz (440 g)	
Folded	8.85 x 11.25 x 0.75 in (22.5 x 28.6 x 1.9 cm)	
Unfolded	30.5 x 11.25 in (77.6 x 28.6 cm)	
PV Thickness	0.08 in (2 mm)	
PV + Junction Box Thickness	0.75 in (19 mm)	
Output	USB 2.0 Type-A port (2.0 Amps)	
Operating Temperature	-40°F to 185°F (-40°C to 85°C)	
Storage Temperature	-40°F to 185°F (-40°C to 85°C)	
Certifications	CE, FCC	

*STC: 1000 W/m², 25°C module temperature, AM 1.5 spectrum; power and electrical tolerance not to exceed ±10%.

WARRANTY, FAQs, TROUBLESHOOTING & SUPPORT

www.AscentSolar.com

+1 720-872-5100

Support@AscentSolar.com