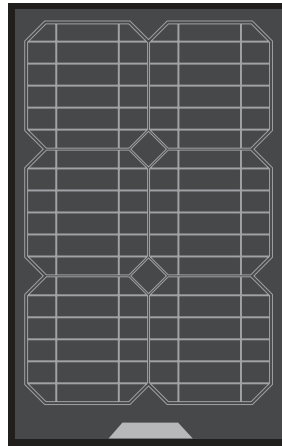


BOULDER™ SOLAR PANEL

Get to Know Your Gear



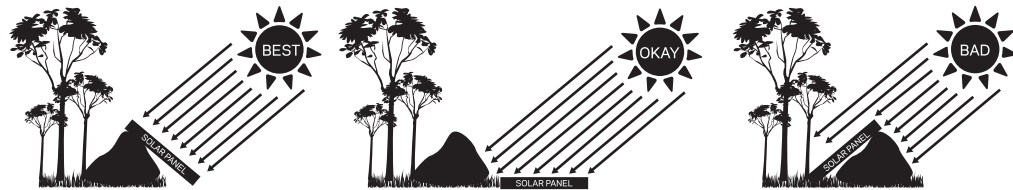
PLUG IT
Power cable links into GOAL ZERO ESCAPE or EXTREME panels for charging.

HANG IT
Use the bracket holes to secure it, or hook up multiple BOULDER 15 panels.

POWER IT
Highly efficient monocrystalline solar cells deliver 15 Watts of power.

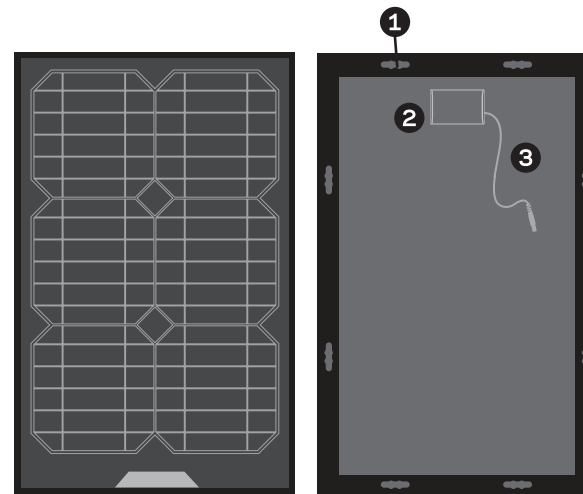
Getting Started

1. Be sure to **ACTIVATE YOUR WARRANTY** at www.GOALZERO.com/warranty
2. Open and remove protective film from solar cells.
3. Position the BOULDER 15 panel at an angle facing the sun (see below).
4. Connect your GOAL ZERO ESCAPE or EXTREME power pack to start charging.



How to Use Your Gear

- 1 Bracket holes**
Use the bracket holes on the side of your panel to hang the BOULDER 15. Also use them to link and stabilize several BOULDER 15 panels together using GOAL ZERO QUICK CLIPS.
- 2 Chaining**
Connect multiple BOULDER 15 panels to power up your device faster.
- 3 Power Cable**
When in use, plug it in to your GOAL ZERO power pack. When storing, wrap it up and secure it with the velcro fastener.
- 4 Structure**
The BOULDER 15 can take a beating. It is framed with durable aluminum and covered in high-tech tempered glass.



Front

Back

Technical Specs

Usage	
<i>Charges the following:</i>	<i>Approx. charge time:</i>
ESCAPE 150	10-20 hours
SHERPA 50	4-8 hours
Smart phone, GPS	2-4 hours
Inputs	
Solar panel	Rated Power: 15W Cell type: monocrystalline Open-circuit voltage: 18-20V Converting eff.: 17-18%
Outputs	
Solar port	12V charging port (4.7mm) 14-16V, 1.0A max (15W), not regulated
General	
Weight (no pkg)	3.5 lbs (1.5 kg)
Dimensions	11X18X1 in (28X46X2.5 cm)
Warranty	12 months
Certifications	FCC and CE
Optimal Operating Temp.	0-120°F (-17-48°C)

Frequently Asked Questions

Is the BOULDER 15 waterproof?

Yes! The BOULDER 15 is waterproof and rugged terrain resistant. Just remember that the devices you are powering might not be as awesomely durable.

What GOAL ZERO power packs can I use the BOULDER15 with?

The BOULDER 15 can be used to power any GOAL ZERO power pack. For the amount of Watts it gives, it will be most effective with the ESCAPE 150 power pack.

Does the BOULDER 15 give a full 15 Watts?

It delivers up to 15 Watts of power, but the angle of the panels and the cloud coverage can impact its performance. Avoid the shade. It will not work indoors.

Will the BOULDER 15 break?

Not easily. It was made to last, but try to avoid heavy impact that can weak the frame and cause the glass to crack.

Compatible With

GOAL ZERO products:
ESCAPE 150

GOAL ZERO
S O L A R P A N E L
BOULDER 15

- Fill out your warranty
- Watch demo video
- Download this manual



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