

SunCharge Pro

A Solar-Powered Graphene Battery Charger



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SunCharge Pro

1. Introduction

Thank you for choosing the SunCharge Pro by VoltEdge Electronics. This rugged solar-powered graphene charger is built for faster charging, longer battery life, and outdoor reliability. It ensures your devices stay powered when you need them most.

2. Safety Information

 **DANGER** – Risk of severe injury or electric shock. Do not open or puncture the battery pack.

 **WARNING** – Fire hazard. Keep away from flames or high heat.

 **CAUTION** – Use only the included Solar Charge Cable (Solar Panel Connector to XT60i Adapter) and approved panels.

 **Notice** – Keep ports covered when not in use.



DANGER



WARNING



CAUTION



NOTICE

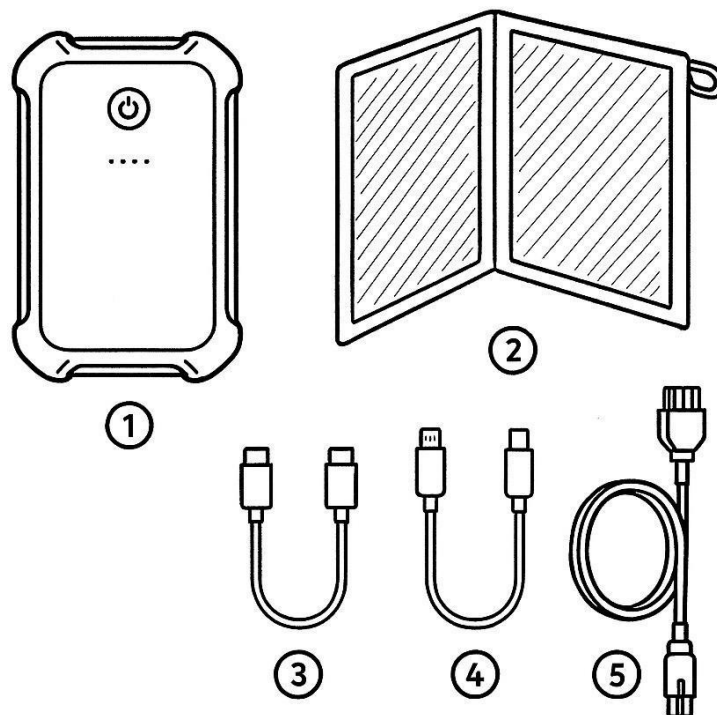
SunCharge Pro

3. Tools Needed

No tools are required. Only included accessories are necessary.

4. What's in the Box

1. SunCharge Pro portable battery
2. Folding solar panel
3. USB-C to USB-C cable
4. USB-A to USB-C cable
5. Solar Charge Cable (Solar Panel Connector to XT60i Adapter)

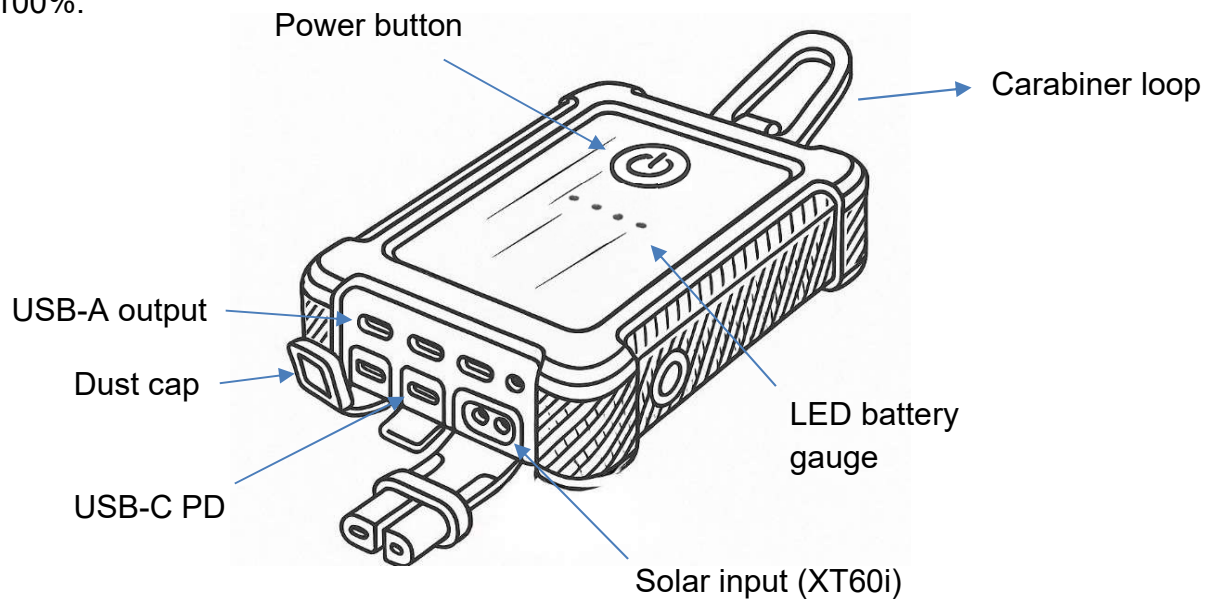


SunCharge Pro

5. Device Overview

Main features: Power button, LED battery gauge, USB-C PD, USB-A output, Solar input (XT60i), Dust cap, Carabiner loop.

LED indicators: 1 LED = 25%, 2 LEDs = 50%, 3 LEDs = 75%, 4 LEDs solid = 100%.



6. First Use

First, inspect box contents.

Next, connect USB-C cable to wall charger.

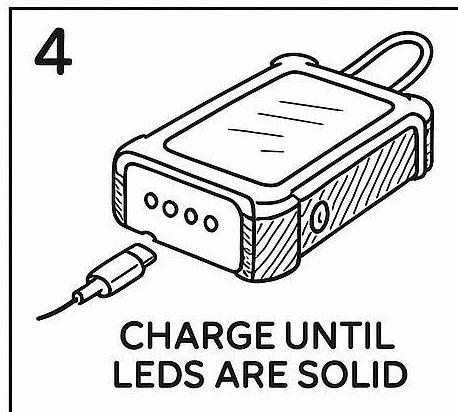
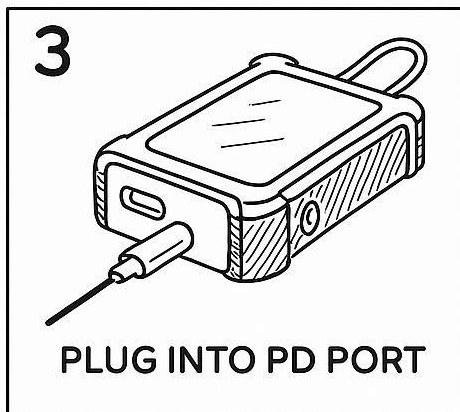
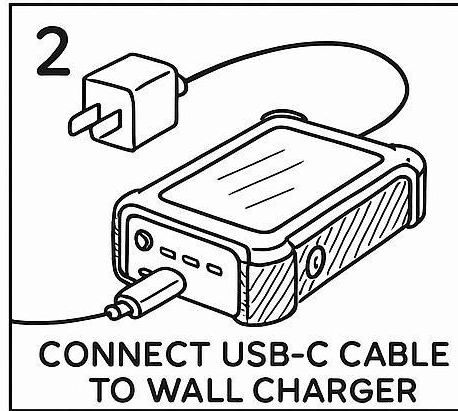
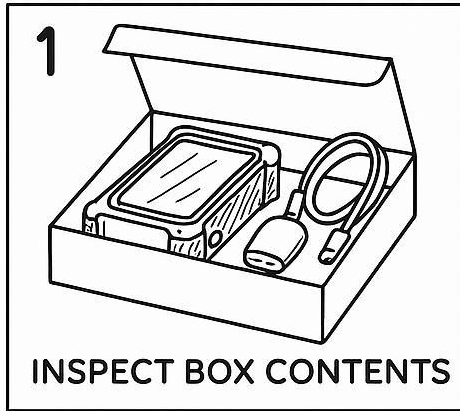
Then, plug into SunCharge Pro's PD port.

Now, charge until LEDs are solid.

Before heading out, press Power button to confirm.

SunCharge Pro

FIRST USE



7. Everyday Operation

First, press Power.

Next, connect your device.

Then, check device is charging.

Last, recharge before battery is nearly empty.

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8. Solar Charging Tips

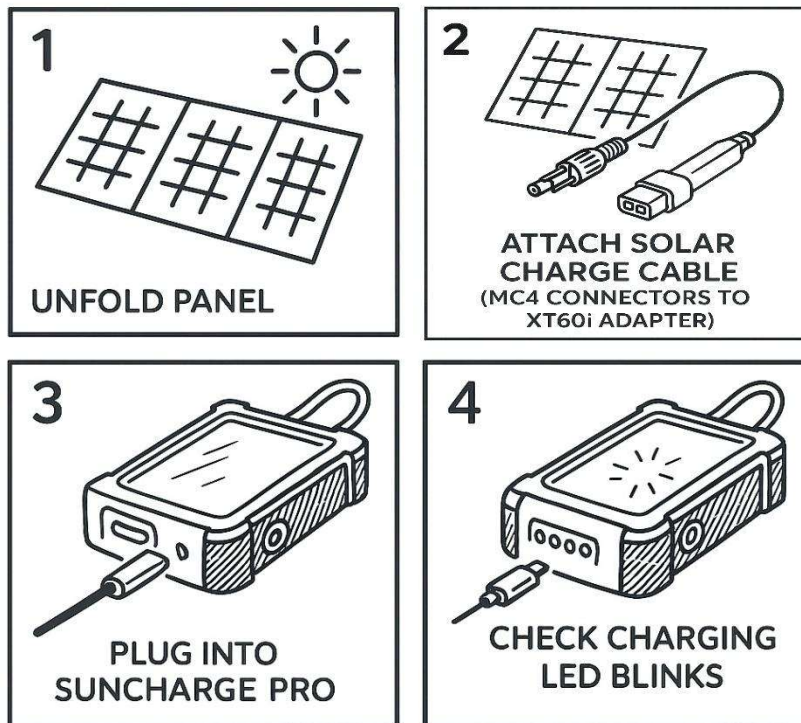
First, unfold panel and face the sun.

Next, attach the Solar Charge Cable (MC4 connectors to XT60i Adapter).

Then, plug into SunCharge Pro solar input port.

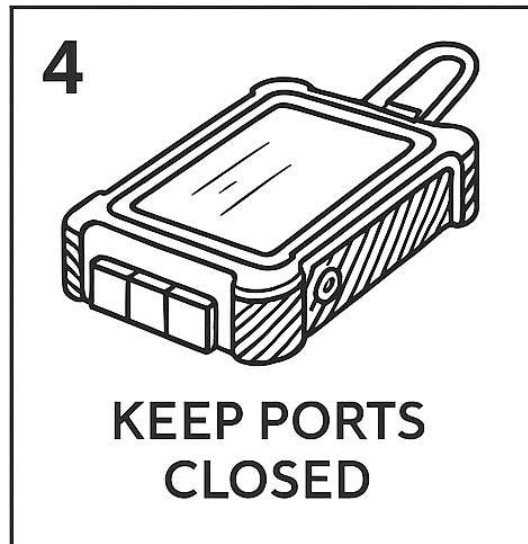
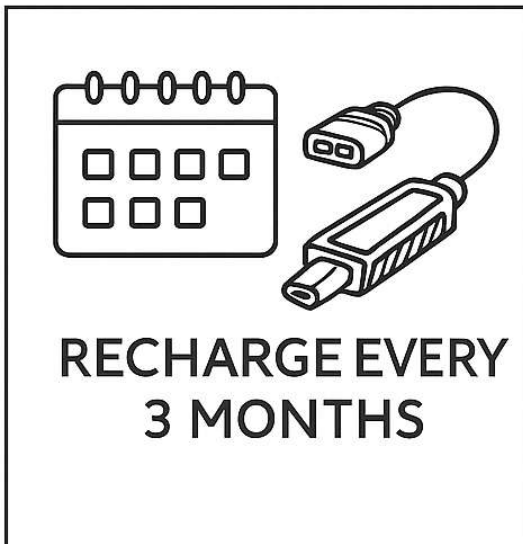
Now, check charging LED blinks.

SOLAR CHARGING TIPS



SunCharge Pro

9. Care and Storage



10. Troubleshooting & FAQs

Device not charging: try another cable, press Power, check port.

Solar not charging: ensure sun exposure, check Solar Charge Cable connection.

Device hot: power off, move to shade, resume later.

SunCharge Pro

11. Technical Specifications

- Capacity: 96 Wh ($\approx 26,000$ mAh @ 3.7 V)
- Battery: Graphene-enhanced Li-ion
- USB-C PD Output: 100 W (20 V = 5 A)
- USB-A Output: 22.5 W (5 V = 4.5 A / QC profile)
- Solar Input: XT60i Adapter (via MC4 connectors), 12–25 V, up to 6 A (120 W max)
- Operating Temperature: Discharge: -10°C to 45°C • Charge: 0°C to 45°C
- Weight / Dimensions: 160 × 85 × 28 mm; ~600 g

12. Methods of Contacting

If you need assistance with your SunCharge Pro, our team is ready to help.

Email: support@voltage-electronics.com

Address: VoltEdge Electronics

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Baltimore, MD 21202, USA