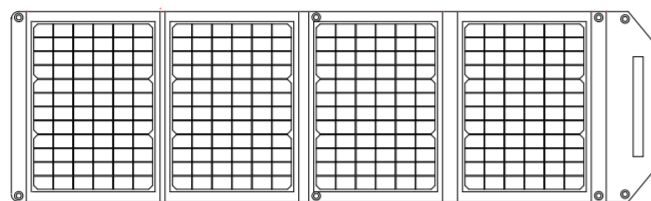
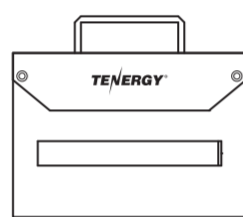


## 60W SOLAR PANEL



### User Manual

Contents Included:



60W solar panel

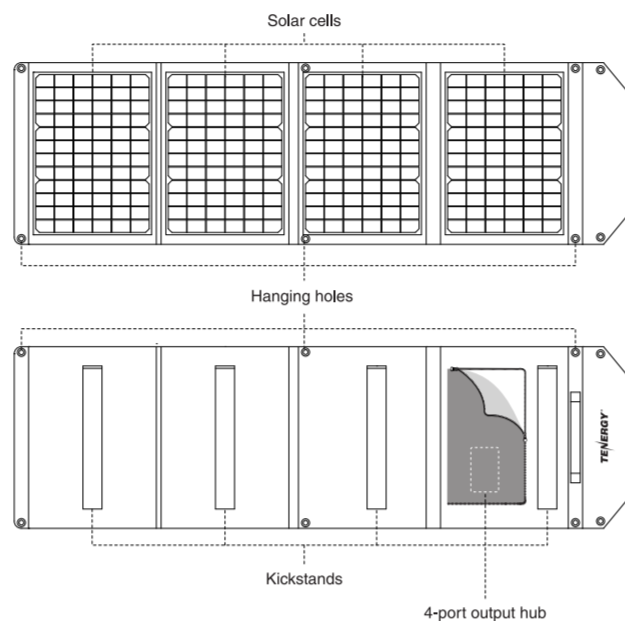


DC to DC cable



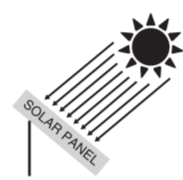
Interchangeable connector x10

### Get to know your solar panel

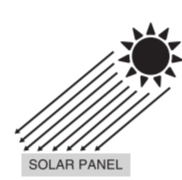


### Getting started

Open and unfold the solar panel. Position the solar panel towards the sun (see below examples).



Best results



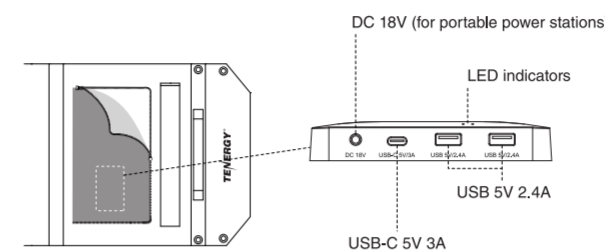
OK results



Bad results

**TIP:** Use the built-in kickstands to better angle the solar panel.

### Connect your electronics



1. Use the correct cable (DC to DC cable, USB C cable, or USB A cable) to connect your electronics with the solar panel.
2. Connect the other end of the cable to the corresponding port on the solar panel.
3. Disconnect the charging cable from both ports after usage.

**NOTE:** For portable power stations, use the given DC to DC cable to connect the solar panel to the power station. For USB devices, use a certified cable or the device's original cable for best results.

### LED indicator guide

Green LED Indicator	LED on	Solar power ready to use
	LED off	Not receiving solar power
Blue LED Indicator	LED on	Normal operation
	LED Flashing	Charging error detected: 1) Check for water damage. Air dry before trying to charge again. 2) Try with another charging cable.

### FAQ

**Q:** Why do some portable power stations only receive 30 watts, while others show 50 watts?

**A:** For best results, confirm that your portable power station has MPPT (Maximum Power Point Tracking). Devices without this feature may not maximize all the power generated by the solar panel.

**Q:** The USB output ports are 2.4A, will it damage my phone which takes only 1A to charge?

**A:** The 2.4A USB ports are equipped with smart chips that detects the optimized charging current for your USB device, so it will be totally safe to your device.

**Q:** Can I charge my USB gadgets and portable power stations all at the same time?

**A:** Yes, you can. The solar panel will split the incoming solar power between the ports to charge devices simultaneously. (NOTE: Charging speed may be reduced when charging multiple devices at once.)

**Q:** Is this solar panel waterproof?

**A:** The front solar panels are IPX4 rated, but the output hub is not. For best practices, it's best to keep the hub away from any continuous exposure to water.

**Q:** Can I chain multiple solar panels together for higher power?

**A:** No you can't. This solar panel is not designed to be chained with additional solar panels.

**Q:** Can I plug my laptop directly into the solar panel?

**A:** No, it is not recommended to connect your laptop directly into the solar panel. Combine the solar panel with a power station in order to safely recharge your laptop.

### Technical Specifications

Rated Power:	60 Watts (Max)
DC Output:	18V 3.3A
USB Output 1:	Type-C, 5V 3A
USB Output 2:	5V 2.4A
USB Output 3:	5V 2.4A
Operating Temperature Range:	-10°C to 65°C 14°F to 149°F

### Safety Tips

- Do not bend the solar panel.
- Do not apply pressure on the solar panel.
- Do not step or sit on the solar panel.
- Do not immerse the solar panel in water.
- Do not put the solar panel near sources of extreme heat.
- Do not pierce the solar panel with a sharp object, or attempt to disassemble the panel in any way.
- To clean the solar panel, use a damp cloth to gently scrub the panel, then dry it.

## Thanks for choosing Tenergy to power your energy needs!

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