

UTEPO 100W Portable Solar Panels

UPSP100-1



- Portability, easy to setup.
- Emit no toxic gases, operating extremely cleanly
- causing no harm to the environment.
- Support multiple output path.
- Safe and Reliable.



Intro

UPSP100-1 is a solar product that directly converts light energy into electricity with LED display. When receiving solar light, multiple output ports directly charge electronic devices such as iPad, iPhone, and Android. It can also be stored in batteries to charge portable energy storage systems.

The solar radiation energy is converted into electrical energy through the solar panel. It uses the photoelectric effect inside the solar panel. When the sunlight hits a semiconductor called "P-N junction" in the solar panel, the wavelength is extremely high. The short light is easily absorbed inside the semiconductor and collides with the "valence electrons" in the silicon atoms, so that the "valence electrons" gain energy and become free electrons and escape the lattice, thereby generating electron flow.

Feature

- Foldable, easy to carry
- Good durability, all products will be tested under natural light for one week under full load.
- With two USBA and one USBC output, all usb ports can work at the same time
- The USB output port of the product is equipped with an intelligent identification IC and line loss voltage compensation, which improves the compatibility of the product and the actual charging current
- With DC output, 19V/5.5A MAX
- Durable spray coating.

Specification

Solar power panels	Solar energy conversion rate	≥22%
	Total solar panel power / W	100
	Solar panel open- circuit voltage / V	≤23.2
	Solar panel working voltage / V	>18
	Solar panel short- circuit current / A	>6.2
	Solar panel working current / A	>5.55
	Packaging	Laminated Frost PET
	Solar Cell Type	Monocrystalline silicon
USB	USB 1 Output	5V/2.4A
	USB 2 Output	5V/3A,9V/2A,12V/1.5A
	TYPE-C	5V/3A,9V/2A,12V/1.5A
	USB short-circuit protection	Yes
	USB short circuit recovery	Yes
DC Output	DC5521	19V/5.5A Max Directly connected to panels
Size	Weight	4.2kg
	Folded	480*370*20mm
	Unfolded	1540*480*5mm