



## USER MANUAL

Thank you for purchasing Tiexei portable power station.

For the best performance and safety purposes, please read this manual carefully before use. Please keep this manual for further reference.

### **⚠ CHARGE FIRST!**

Before using your new Power Station S1 or after storing it for more than 3 months, plug it into a suitable power outlet until it is fully charged. Then you can start your exciting journey with it. Highly recommend to charge S1 when battery indicate less than 20%.

## ■ Product Overview

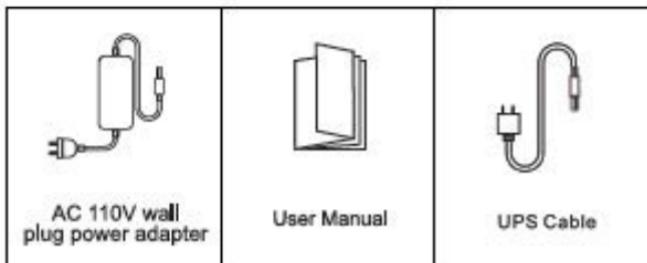


- 1. LCD Screen Display
- 2. Main Switch
- 3. LED Light&SOS Mode
- 4. LED Light Switch
- 5. AC Output
- 6. AC Switch
- 7. DC Output/Input

- 8. USB A Output
- 9. Type C Output/Input
- 10. Handle
- 11. UPS AC input
- 12. Air Intake Vent with Cooling Fan
- 13. Bluetooth Speaker

**Note: No user-serviceable parts inside.  
Recommended to fully charge the S1 before use.**

## ■ S1 Accessory List



**Recommend to use 60W Solar panel(not included).**

## ■ Button Feature

- **Main Switch:**

Press for 2 seconds to turn on, press once to turn off.

- **AC Switch:**

Turn AC output on/off.

- **Light Switch:**

One Click to turn it on, 2 clicks to switch it to SOS mode, 3 clicks to turn it off.

## ■ UPS Function

Connecting your computer or other storage device to the UPS interface can ensure that the device can operate normally and data will not be lost after the power failure of the house.

Please note that if the house is constantly powered, the UPS interface will preferentially powered by the house power, rather than power from the power station.

## ■ Cooling Fan

Built-in cooling fan ensure our S1 is operating within the appropriate temperature range. When it experiences a higher output load, it will automatically turn on the fan during discharge or recharging.

## ■ LCD Features



A: Input/Output Status

B: Battery Status

C: Time Display(When you discharge it, this means the available time you can use. When you recharge it, this means the left charging time)

## ■ Bluetooth Speaker

The power station contains a bluetooth music speaker, if you want to play music, you need turn on bluetooth function on your cellphone, switch on power station (bluetooth speaker automatically turn on once power station turned on), then connect the bluetooth speaker with bluetooth name "Tiexei" on your cellphone, then the power station speaker can play the music from your cellphone.

# ■ General Specifications

General Specs		
	Rated Capacity	192Wh
	Net Weight	1.8kg
	Weight (including accessories)	3.8kg
	Product Size	118*118*178mm
Input		
	Recharging Input Voltage	14.6-20V
	AC/DC Adapter	AC110-220V DC 12.8V, 3.5A
	Solar Charge Input	14.6-20V,MAX 60W
Output		
	AC Output Voltage	110± 3 %/60Hz
	Rated Output Power	100W
	Output Waveform	Pure Sine Wave
	Overload Protection Power	300±40W
	DC 55*2.1 Output x 2	12.8V 3.5A(each),70W(each)Total 10A
	USB Output *2	5V 4.5A
	Type-C Output *2	5V,4.5A/9A,2A/12V,1.5A
	UPS	100W
	Type-C Output *2	5V,4.5A/9A,2A/12V,1.5A
Battery		
	Standard Capacity of Batteries	
	Operating Temp	14 to 104°F (-10 to 40°C)
	Charging Temp	32 to 104°F (0 to 40°C)
	Storage Temp	-4 to 113°F (-20 to 45°C)

## ■ How to Charge

Recommend to disconnect the S1 when fully charged.



- From Solar Charger 60W  
About 3 hours  
Depending on solar conditions
- From AC Adapter 110V  
About 3 hours

## ■ What it Powers

Laptops (50W) <b>Around 3 Recharges</b>	32" TV (60W) <b>Around 2.5 Hours</b>	CPAP Without Heated Humidifier (15W) <b>10 Hours</b>	Gopro (5.9W) <b>Around 26 Recharges</b>	Floodlight (4W) <b>Around 38 Hours</b>
				+MORE
Mini Fridge (40W) <b>Around 4 Hours</b>	Drone (40W) <b>Around 4 Recharges</b>	Smartphone (11.91W) <b>Around 13 Recharges</b>	Switch (16W) <b>Around 10 Recharges</b>	

## ■ Tips

1. It is recommended to use a device that does not exceed 300W, which helps to extend the battery life. It is also supported for high power devices (300W)
2. The power supply time can be easily estimated by dividing the capacity(192Wh) by the actual power of the device.