



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%.

■ Important Safety Instructions

⚠ Product Use:

- DO NOT use any inappropriate power cords.
- DO NOT place the unit close to or in a fire or expose it to heat. Keep out of direct sunlight.
- DO NOT charge, use or store the unit in a bathroom or in an area exposed to rain or moisture. Use and store the unit only in a clean and dry environment.
- Do not drop the unit into the water. If the battery in the unit comes into contact with water, it may cause chemical decomposition of the battery, which may cause the battery to catch fire or explode.
- Never use or charge swollen, leaky, or damaged batteries. If your battery is abnormal, contact us to get support.
- Never install or remove a battery from the unit when it is turned on.
- DO NOT use the batteries in strong electrostatic or electromagnetic environments. Otherwise, the battery control board may malfunction and cause a serious accident.
- Never disassemble or pierce the product in any way. Otherwise, it may leak, catch on fire, or explode.
- DO NOT use the product if it was involved in a crash or a heavy bump.
- If the product falls into water during use, take it out immediately and put it in a safe and open area. Keep a safe distance from it until it is completely dry. Never use it again and dispose it properly as described in the Battery Disposal section below. If the product catches fire, it is recommended to use fire extinguishing equipment in the following order: water or water mist, sand, fire blanket, dry powder, carbon dioxide fire extinguisher.
- Do Not allow pins, wires or other metal pieces to insert into the device case, outlets or controls. Metal pieces may short circuit the unit.
- Avoid collision. DO NOT place heavy objects on the unit.
- If there is dirt on any plug or outlet surface, use a dry cloth to clean it. Otherwise, it will cause abrasion and result in energy loss or inability to charge.
- DO NOT put the machine in a microwave oven or in a pressurized container.
- Transportation: S1 complies with all legal requirements for transport of dangerous goods. The capacity of the lithium battery pack exceeds 100Wh. Based on international standards, if S1 is transported by airplane, it must be transported in accordance with IATA standard packaging. IATA instructions and labeling requirements and the relevant declarations must be completed.

⚠ Product Recharging:

- When you first plug in a power source, a solar panel or a wall charger, the S1 may take one minute to detect and adjust its charge circuitry before it starts drawing power from the source.
- DO NOT charge the unit via power supply systems that operate outside of AC 110-220 V
- DO NOT charge the unit via solar panel that operate voltage outside of DC 12.8 V
- Always use approved attachment charging cables. We takes no responsibility for any damage caused by using other brand charging cable.
- When charging, please place the product on the ground with no flammable or combustible materials around. To prevent accidents, never leave the machine unattended during charging.
- DO NOT charge a product immediately after a long heavy load, because the product's temperature may be too high. DO NOT charge a product until it cools down to room temperature.
- Only charge, use the unit within an ambient temperature of 0 to 40°C (32~104°F). The ideal charging temperature range is 71°F to 82°F (22°C to 28°C).

⚠ Product Storage and Transportation:

- Keep the product out of the reach of children. If any children accidentally swallow parts, please go to a doctor immediately.
- If a low-battery warning appears, charge the battery before store.
- Store the product in dry environments. DO NOT place the product where it may contact with water.
- Make sure no small metal objects can fall on or around the product while in storage.
- Never transport a product with a battery power level higher than 30%.
- Never store the product in environments below -15°C or above 45°C.
- Battery life may be reduced if not used for a long time. It is recommended to fully charge and discharge PT 02 at least once every 3 months to maintain the health of the battery pack.

■ Cleaning

- Be sure that S1 is disconnected from all input power sources and output devices. Use a clean, dry, soft-lint-free cloth to clean.
- Remove any debris, dirt, or other blockages on both side vents. When cleaning debris from the side vents, do not allow the debris, dirt, or other blockages to enter the body of S1.
- DO NOT use abrasive cleaners or solvents.

- DO NOT use compressed air to clean side cooling vents, as this will force foreign particles into the internal circuitry.
- To avoid the risk of electrical shock, DO NOT use metal objects to clean ports.

■ Trouble Shooting

S1 Will Not Charge Or Operate connected devices:

- (1) Check whether the output buttons are activated;
- (2) Check whether the total output power exceeds the rated output power;
- (3) Check the battery power indicator to confirm whether the power supply is sufficient;
- (4) If the device cannot be discharged after it is discharged for longtime, please wait for several hours and try again, it may enter the over-temperature protection.

■ Important Safety Instructions

1. **WARNING** – When using this product, basic precautions should always be followed, including the following:
 - a) Read all the instructions before using the product.
 - b) To reduce the risk of injury, close supervision is necessary when the product is used near children.
 - c) Do not put fingers or hands into the product.
 - d) Use of an attachment not recommended or sold by power pack manufacturer may result in a risk of fire, electric shock, or injury to persons.
 - e) To reduce the risk of damage to the electric plug and cord, pull the plug rather than the cord when disconnecting the power pack.
 - f) Do not use a battery pack or appliance that is damaged or modified. Damaged or modified batteries may exhibit unpredictable behavior resulting in fire, explosion, or risk of injury.
 - g) Do not operate the power pack with a damaged cord or plug, or a damaged output cable.
 - h) Do not disassemble the power pack, take it to a qualified service person when service or repair is required. Incorrect reassembly may result in a risk of fire or electric shock.
 - i) To reduce the risk of electric shock, unplug the power pack from the outlet before attempting any instructed servicing.
 - j) **WARNING – RISK OF EXPLOSIVE GASES.**
 - 1) To reduce the risk of battery explosion, follow these instructions and those published by the battery manufacturer and manufacturer of any equipment you intend to use in the vicinity of the battery. Review cautionary marking on these products and on engines.

k) PERSONAL PRECAUTIONS

- 1) Have plenty of fresh water and soap nearby in case battery acid contacts skin, clothing, or eyes.
- 2) Wear complete eye protection and clothing protection. Avoid touching eyes while working near the battery.
- 3) If battery acid contacts skin or clothing, wash immediately with soap and water. If acid enters the eye, immediately flood the eye with running cold water for at least 10 minutes and get medical attention immediately.
- 4) NEVER smoke or allow a spark or flame in the vicinity of the battery or engine.
- 5) Be extra cautious to reduce the risk of dropping a metal tool onto the battery. It might spark or short-circuit battery or other electrical parts that may cause an explosion.

I) When charging the internal battery, work in a well-ventilated area and do not restrict ventilation in any way.

m) Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery may cause irritation or burns.

n) Do not expose a power pack to fire or excessive temperature. Exposure to fire or temperature above 130°C may cause an explosion. The temperature of 130°C can be replaced by the temperature of 265°F.

o) Have servicing performed by a qualified repair person using only identical replacement parts. This will ensure that the safety of the product is maintained.

SAVE THESE INSTRUCTIONS.

■ FCC Note

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

FCC Warning

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE 1: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

NOTE2: Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

■ **Disposal/Recycle**



Do not place equipment and its accessories in the trash. Items must be properly disposed of in accordance with local regulations.

— See www.epa.gov for additional information.

■ **Warranty**

All Tiexei products come with a full 1-year limited warranty from the date of purchase (accessories excluded). It will be out of guarantee if damaged due to incorrect use or force majeure.

■ **Support**

If you have any questions, please feel free to contact us:

Tiexeisupt@outlook.com