



IESS-320T User Manual

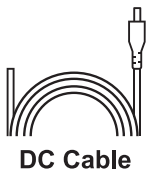


- Charge the unit once at least every 6 months when store it.
- Unplug all plugs when not in use.
- Cannot use USB C1 to charge power bank.

FAQs

- 1. What type of battery is in an IESS-320T?**
IESS-320T contains a large capacity LFP battery cell.
- 2. How do I know if my IESS-320T is charged?**
To check the charge level of the IESS-320T, refer to the LED display. The LED display will flash when charging.
- 3. How to achieve super fast charging?**
DC INPUT connects to photovoltaic solar panel, with voltage ranging from 11 to 24 volts and power exceeding 60W.
DC INPUT adapter, with voltage ranging from 11 to 24V and power exceeding 60W.
USB C1 charging requires support for fast charging protocols and a power output exceeding 60W.
- 4. Can I charge the IESS-320T while supplying power at the same time?**
The IESS-320T could power the devices while charging itself.
- 5. What kind of device can be charge by the IESS-320T?**
You will need to check the amount of power your device requires. This may require some research on your end. An online search or examining the user guide for your device should suffice. To be compatible with the IESS-320T you should use devices that require less than 130W. The unit may not power a device which rated power is more than 130W.

WHAT'S IN THE BOX



DC Cable



User Manual

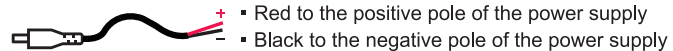
SPECIFICATIONS

Model	IESS-320T
DC Input	11~24V/5A or 100W Max
USB C1 Input	5V 9V 12V 15V 20V/5A or 100W Max
USB C1 Output	5V 9V 12V/5A, 20V/3.25A or 65W Max
USB C2 Output	5V/3A 9V/2.2A 12V/1.67A or 20W Max
USB A1 Output	5V/3A 9V/2.2A 12V/1.67A or 20W Max
USB A2 Output	5V/4A or 20W Max
USB A3 Output	5V/4A or 20W Max
USB A4 Output	5V/4A or 20W Max
DC1 or DC2 Output	12V/2A
LED Light	2W
Battery Energy	3.2V/100000mAh/320Wh
Charging Temperature	0~55°C
DisCharging Temperature	-10~55°C
Diension(D*W*H)	190*65*190mm
Net Weight	3.5kg

Note1: USB C2/A1 total 20W

Note2: USB A2/A3/A4 total 20W

WIRING INSTRUCTIONS



Note: ① The positive and negative terminals cannot be connected incorrectly
② The voltage cannot be greater than 28V

WARRANTY

Limited Warranty

Our company warrants to the original purchaser that purchase our company product will be free from defects in workmanship and material under normal use during the applicable warranty period identified in the "Warranty Period" section below, subject to the exclusions set forth below. This warranty statement sets forth our total and exclusive warranty obligation. We will not assume, nor authorize any person to assume for us, any other liability in connection with the sale of our products.

Warranty Period

The warranty period is 12 months. In each case, the warranty period is measured starting on the date of purchase by the original purchaser. The sales receipt from the first consumer purchase, or other reasonable documentary proof, is required in order to establish the start date of the warranty period.

Remedy

Our company will repair or replace (at our option) any our company product that fails to operate during the applicable warranty period due to defect in workmanship or material. If a valid claim is made during the applicable period, our company, at its option, will either (1) replace the product, or (2) exchange the product with a product that is of equal value. A replacement product assumes the remaining warranty of the original product or 180 days from the date of replacement, whichever is greater. Coustomer is responsible for the return shipping costs.

Limited to Original Consumer Buyer

The warranty on our product is limited to the original purchaser and to any subsequent owner.

Exclusions

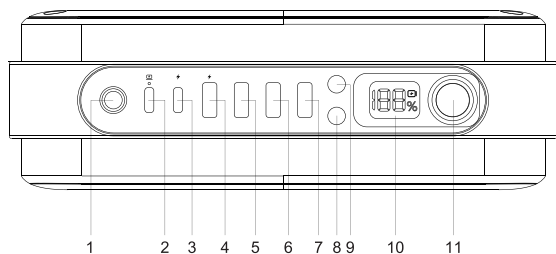
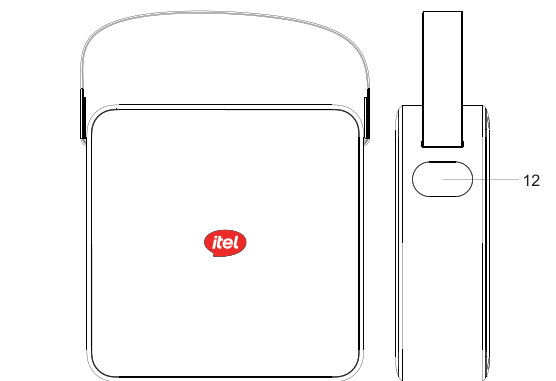
Our warranty does not apply to (i) any product that is misused, abused, modified, damaged by accident, or used for anything other than normal consumer use as authorized in our current product literature. or (ii) any product purchased through an online auction house. our warranty does not apply to the battery cell unless the battery cell is fully charged by you within seven days after you purchase the product and at least every 6 months thereafter.

How to Receive Service

To obtain warranty service, contact our customer service team.

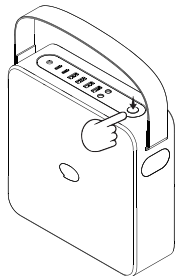
The information contained herein is subject to change without notice. The only warranties for our company products and services are set forth in the warranty statements accompanying such products and services. Our company shall not be liable for technical or editorial errors or omissions contained herein. This user guide describes features that are common to most models.

CONTROL PANEL



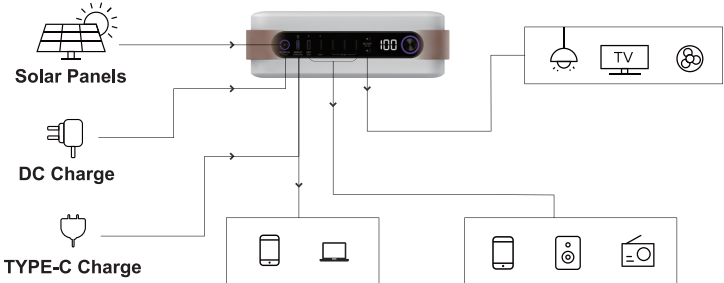
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|---------------------|--------------|----------|----------|----------------|
| 1.DC Input | 2.USB C1 | 3.USB C2 | 4.USB A1 | 5.USB A2 |
| 6.USB A3 | 7.USB A4 | 8.DC1 | 9.DC2 | 10.LED Display |
| 11.LED light button | 12.LED light | | | |

LED LIGHT GUIDE



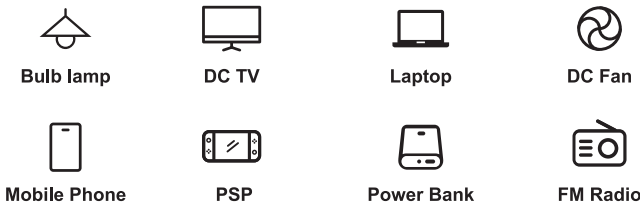
- ① Long press for 3s to turn on the light, the status is high brightness.
- ② Then press 1s to switch to eye protection mode.
- ③ Then press 1s to switch to SOS mode.
- ④ Press and hold again to turn off the LED light.

USAGE DIAGRAM



DISCHARGING

Here are some common devices:



CHARGING

① USB C1 Input:



② DC Input(5.5*2.5mm):



SAFETY INSTRUCTIONS

SAFETY INSTRUCTIONS

Read the following instructions to ensure safe usage



DANGER

Noncompliance may very likely lead to serious injury or death

DO NOT disassemble, repair or modify the unit or the battery.
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
Only use the output socket to power external devices. Never connect the output to mains power under any circumstances.
DO NOT touch the unit or the plug-in points if your hands are wet.
DO NOT connect any metallic objects to the AC input or output.
DO NOT rub your eyes if fluid from inside the unit should get in your eyes.
DO NOT use any inappropriate power cords.
DO NOT operate the unit above the specified input voltage.
DO NOT use the unit if it is not functioning correctly.
DO NOT move the unit if it is recharging or in use.
DO NOT put fingers or hands into the product.
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.
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.



WARNING

Noncompliance may lead to serious injury or death

Use and store the unit only in a clean and dry environment. DO NOT use and store in dusty and wet environment.
Check the unit prior to every use. DO NOT use the unit if it is damaged, broken.
DO NOT use the unit if the power cord is damaged or broken.
Keep the unit away from children. DO NOT let children use the power supply unit.
Keep this product away from pets.
DO NOT use or store the unit in an area or environment with high temperature.
Should fluid from inside of the unit come in contact with your skin or clothing, wash the affected areas with tap water.
In a storm, unplug the power cord from the socket.
DO NOT charge the unit via power supply systems that operate outside of 24V.
DO NOT place the unit on its side or upside down while in use or storage.
DO NOT use accessories for other usage.



WARNING - RISK OF EXPLOSIVE GASES

To reduce risk of battery explosion, follow these instructions and those published by battery manufacturer and manufacturer of any equipment you intend to use in vicinity of the battery. Review cautionary marking on these products and on engine.

PERSONAL PRECAUTIONS

- 1) NEVER smoke or allow a spark or flame in vicinity of battery
- 2) Be extra cautious to reduce risk of dropping a metal tool onto battery. It might spark or short-circuit battery or other electrical part that may cause explosion.
- 3) DO NOT expose a power pack to fire or excessive temperature. Exposure fire or temperature above 130 may cause explosion.

CAUTION

Noncompliance may lead to injuries and/or property damage.

If rust, peculiar odors, overheating or other abnormal circumstances are observed, stop using the unit immediately and contact the dealer or our customer service center.
The unit complies with all legal requirements for transport of dangerous goods.
Make sure that the unit is properly secured when transporting it in a motor vehicle.
Only charge, use and store the unit within an ambient temperature of 0 to 50°C(32-122°F) Switch the unit off immediately if it has accidentally fallen, was dropped or was exposed to vibrations.
Carefully read the instructions for the electric devices that you intend to connect to your power supply unit.
Make sure that the device you are connecting is switched off before you connect it.

ATTENTION



Not permitted on aircrafts.



To preserve the battery lifespan, please use and recharge at least once every 6 months.



Use original or certified charger and cables.



Avoid extreme temperature



Avoid dropping



Do not disassemble



It's not waterproof, do not expose to liquids.



Please dispose of batteries and electronic goods in accordance with local regulations.

DISCLAIMER

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Our company cannot be held liable for damages caused by fire, earthquake, use by a third party, other accidents, intentional misconduct on the part of the customer, abuse or other abnormal conditions.

Do not repair any damage to the AC plug or power supply on your own.

The warranty covers all terms and conditions of the warranty. Contents that are not specified in the warranty terms and conditions are beyond our responsibility.

Our company assumes no liability for damaged caused by incorrect use or non-compliance with this instruction manual.

Intended use:

The IESS-320T unit is intended as a power supply for electronic devices with a maximum power consumption of 135W. Our product is not suitable to be used with equipment that relates to one's own personal safety and relies heavily on electricity, such as medical devices, equipment for nuclear facilities, the manufacture of air and spacecraft, etc. We therefore assume no liability for accidents involving personal safety, fires, or machine failures, caused by using our product with the aforementioned devices.

The contents of this material (including product descriptions, technical parameters, performance references, operational and financial data, etc.) are provided for general reference only and do not constitute any commitment, warranty, or contractual offer by the Company regarding product performance, specifications, or suitability. Product design and specifications may be changed due to technological improvements or market adjustments. For the most up-to-date information, please refer to the latest materials published on the Company's official website. The Company assumes no liability for any losses arising from the use of this material or from improper use of the products.