



Powerology

STARPOD 45000mAh Starlink Mini Power Station

SKU: PWSM45PBGY

Table of Contents

Product Overview	2
Safety Instructions	2
Setup and Operation	4
Product and Accessories	6
Specifications	8
LED Battery Status	8
Features	8
Care and Maintenance	9
Frequently Asked Questions	10
Troubleshooting	11
Disposal	12
Warranty	12
Contact Us	13

Product Overview

The Powerology STARPOD 45000mAh Mini Power Station combines a rechargeable power supply, foldable tripod stand and mounting cap in a portable design. It provides a dedicated DC output for compatible satellite internet equipment and a bidirectional USB-C port for charging the power station or supported USB-C devices.



Safety Instructions

Warning:

1. Charge the power station only with a compatible cable and certified adapter matching the rated input; an unsuitable charger can cause fire or battery damage.
2. Use the DC output only with a compatible device matching its rated voltage and current; an incorrect connection can damage the device or cause fire.
3. Do not puncture, crush, disassemble, short-circuit, heat or incinerate the power station — risk of fire, explosion or burns.
4. Stop using the power station immediately if it becomes swollen, excessively hot, deformed, damaged or starts leaking.
5. Keep connectors dry and securely covered when not in use; do not connect cables while the ports are wet.

6. Fully unfold and lock the tripod legs, and place the stand on firm, level ground to prevent tipping and injury.
7. Keep hands and fingers clear of the folding legs, release button and locking collar during setup or storage.
8. Keep the power station away from flames, heat sources and prolonged direct sunlight.
9. Keep the product and its cables out of the reach of children.
10. The power station has overcurrent, overvoltage, short-circuit and over-temperature protection; if it shuts down, disconnect the load and charger, allow it to return to the permitted temperature, and contact service if normal operation does not resume.
11. Do not use the product or any supplied cable if the housing, connector, cable insulation, tripod or locking mechanism is damaged; replace the affected item or contact service.
12. Do not modify or open the product except as expressly directed; keep this manual for future reference.
13. IP67 protection applies only when all port covers are fully closed; open ports or connected cables compromise ingress protection. Never charge or connect cables when ports, connectors or cables are wet.
14. The supplied USB-C cable is rated for up to 65 W, and the supplied DC cable is rated for up to 30 V/2 A; use replacement cables rated at least equivalently.

Attention:

1. Inspect the stand, battery housing, connectors and cables for damage before each use.
2. Use and store the product within its stated operating conditions; allow it to return to a suitable indoor temperature if it shuts down in cold conditions.
3. Do not charge and power a connected device at the same time unless pass-through charging is specifically supported.
4. Recharge the battery periodically during extended storage to preserve battery health.
5. Do not carry this power station on passenger aircraft because its battery capacity exceeds typical airline limits.

6. Dispose of the power station as electronic waste in accordance with local regulations; do not place it in household waste.
7. Operate the power station between -10°C and 40°C , charge it between 0°C and 40°C , and store it between -20°C and 45°C .
8. During extended storage, recharge the battery at least every three months.
9. Avoid sharp bends, crushing, pinching and excessive pulling of cables, and do not pull cables by their connectors.



Setup and Operation

1. Inspect the Package

Unpack the product and accessories.

Confirm that the mounting cap, power tripod stand, USB-C charging cable and DC power cable are present.

Inspect each item for visible damage before setup.

2. Deploy the Tripod Stand

Place the folded power tripod stand on a firm, level surface.

Press the release button to release the legs.

Pull the locking collar upward and unfold the legs fully.

Check that all three legs are stable before mounting or connecting equipment.

3. Install the Mounting Cap

Position the mounting cap over the top of the power tripod stand.

Seat the cap securely before installing compatible equipment.

Confirm that the mounted equipment is stable and properly supported.

4. Recharge the Power Tripod Stand

Connect the supplied USB-C charging cable to the USB-C port.

Connect the other end to a compatible USB-C power source.

Check the LED indicators to monitor charging progress.

Disconnect the charging cable when all four indicators remain illuminated.

5. Use the DC Output

Deploy the tripod completely and install compatible equipment securely.

Plug one end of the supplied DC power cable into the DC output on the power tripod stand.

Connect the other end to the power input of the compatible equipment.

Press the power button and confirm that the connected equipment receives power.

6. Charge a USB-C Device

Connect a compatible USB-C cable to the power tripod stand's USB-C port.

Connect the other end to the device that requires charging.

Confirm that charging begins on the connected device.

Disconnect the cable after charging is complete.

7. Check the Battery Level

Press the power button to illuminate the battery indicators.

Four lights indicate 100% battery capacity and a full charge.

Three lights indicate approximately 75% battery capacity and sufficient power.

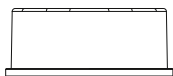
Two lights indicate approximately 50% battery capacity.

One light indicates approximately 25% battery capacity and that recharging is recommended.

No lights indicate that the battery is depleted.

Product and Accessories

The power tripod stand unfolds to provide a stable base and accepts the mounting cap at the top. The supplied USB-C charging cable and DC power cable support recharging and connection to compatible equipment.

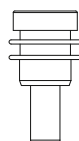
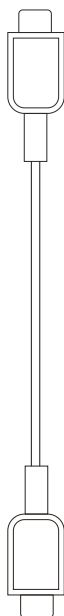
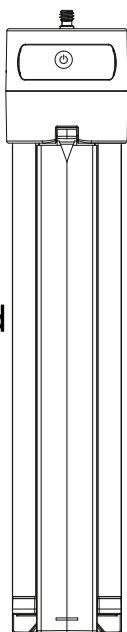


Starlink Mounting Cap

USB-C
Charging
Cable

DC Power
Cable

Power
Tripod
Stand
m



Specifications

Battery Capacity	- 45000mAh, 3.65V, 164.25Wh
USB-C Input / Output	- 5V/3A, 9V/3A, 12V/3A, 15V/3A, 20V/3.25A, 65W Max
Starlink-Compatible DC Output	- 30V/2A
Working Time	- 6-8 Hours (Starlink), 10 Hours (Laptop), 10 Times (Smartphone)
Water Resistance Level	- IP67
Product Weight	- 1.03kg
Product Size	- 30 × 5.3cm (Folded Size), 34.6× 9.5 × 8.5cm (Unfolded Size)
Model Number	- PWSM45PB

LED Battery Status

Indicator Status	Battery Level	Description
4 lights on	100%	Fully charged
3 lights on	75%	Sufficient power
2 lights on	50%	Medium power
1 light on	25%	Low battery
No lights	0%	Recharge immediately

Features

1. 45,000mAh high-capacity rechargeable battery
2. Integrated foldable tripod design

3. USB-C input and output with up to 65W power delivery
4. Dedicated 30V 2A DC output
5. Supports PD 3.0 and QC 4.0 fast-charging protocols
6. Four LED battery-level indicators
7. Quick-release tripod stand
8. IP67 water resistance when all port covers are fully closed
9. Portable design for outdoor use
10. The stated 6-8 -hour runtime is an estimate; actual runtime varies with the connected device load, output power, operating temperature and battery condition.

Care and Maintenance

1. Routine Care

Disconnect all cables and switch off the power tripod stand before cleaning.

Wipe the exterior with a soft, dry cloth.

Remove dirt from the tripod joints and locking collar so the legs can move freely.

Inspect the mounting cap, cables, connectors and tripod legs regularly for damage.

Do not use the product or any supplied cable if the housing, connector, cable insulation, tripod or locking mechanism is damaged; replace the affected item or contact service.

Allow the product and ports to dry completely before connecting cables.

Fold the tripod carefully after use without forcing the legs or locking mechanism.

During extended storage, recharge the battery at least every three months.

Store the product folded in a clean, dry location away from direct heat.

Frequently Asked Questions

1. What is included in the package?

The package includes the power tripod stand, mounting cap, USB-C charging cable and DC power cable.

2. How can I check the remaining battery capacity?

Press the power button and read the four LED indicators; four lights represent 100%, while one light represents approximately 25%.

3. Can the USB-C port be used for both input and output?

Yes. The USB-C port supports bidirectional input and output at up to 65W with compatible equipment and cables.

4. How do I power compatible satellite internet equipment?

Secure the equipment on the stand, connect the supplied DC power cable between the stand's DC output and the equipment's power input, and press the power button.

5. Can the product be carried on a passenger aircraft?

No. The stated 164.25Wh battery capacity exceeds passenger-aircraft limits.

6. What should I do if the unit shuts down in cold outdoor conditions?

Move it indoors and allow it to return to the permitted operating temperature range of -10°C to 40°C before attempting to use it again.

Troubleshooting

Problem	Likely Cause	Solution
The power tripod stand does not switch on	The battery is depleted	Recharge it through the USB-C port, then press the power button again.
No LED indicators illuminate while charging	The cable or power source is not connected correctly	Reconnect both ends of the USB-C cable and verify that the power source is operating.
The battery does not reach a full charge	The power source or cable is incompatible or unstable	Use a compatible USB-C power source and inspect the charging cable and connectors.
The connected equipment receives no DC power	The DC cable is loose or connected to the wrong port	Reconnect the supplied DC cable securely between the DC output and the equipment's power input.
A USB-C device does not charge	The device, cable or charging protocol is incompatible	Reconnect the device and use a compatible USB-C cable and device.
Battery operating time is shorter than expected	The connected load is high or the battery was not fully charged	Fully recharge the battery and disconnect equipment that is not required.

Problem	Likely Cause	Solution
The tripod legs will not unfold	The release button or locking collar has not been operated correctly	Press the release button, pull the locking collar upward and unfold the legs without forcing them.
The stand is unstable	The legs are not fully deployed or the surface is uneven	Fully extend all three legs and relocate the stand to a firm, level surface.
The unit shuts down outdoors	Low conditions have affected battery operation	Move the unit indoors, allow it to warm and then try again.
A connector or port is wet or dirty	Moisture or debris is obstructing the connection	Disconnect the product, clean the area gently and allow it to dry completely before reuse.

Disposal

This product must not be disposed of as unsorted household waste. It is important to separate such waste for proper treatment and recycling, in compliance with local waste management regulations.

Warranty

Products that you buy directly from our Powerology website or shop come with a 24-month warranty.

The 24-month warranty applies to products purchased directly from our Powerology website or store. If Powerology products are bought from any of our verified retailers, then the product is eligible for only a 12-month warranty. To extend your product's warranty, visit our website www.powerology.me/warranty and fill in your details in the

provided form along with an uploaded picture of the product to process your request. Once approved, you will receive a confirmation email of the extended product warranty. Upload the required information within 48 hours of purchase to be eligible for a 24-month warranty period.

For more info, please check: www.powerology.me/warranty

Contact Us

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