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T POWER TP- Lydsto S3 YM-S3-01 YMS301

T POWER Battery Charger User Manual

Model: TP- Lydsto S3 YM-S3-01 YMS301

Compatible with Lydsto S3 Model YM-S3-01 YMS301 15000mAh Li-ion Battery IPX8 Waterproof Cordless Robotic Automatic Swimming Pool Vacuum Cleaner

1. Product Overview

The T POWER AC/DC Power Adapter is designed to provide reliable and efficient charging for your Lydsto S3 Model YM-S3-01 YMS301 Cordless Robotic Swimming Pool Vacuum Cleaner. This charger is specifically engineered for devices requiring a 2-pin connector and operates within a wide input voltage range, ensuring compatibility with various power outlets.



Figure 1: T POWER Battery Charger with its 2-pin connector cable. This image displays the compact design of the charger unit and the attached power cord, ready for connection to the pool vacuum cleaner.

This power supply is made with lithium-ion battery compatibility in mind, ensuring safe and optimized charging for your device's battery. It features built-in protection mechanisms to safeguard against common electrical issues.

2. Safety Information

Please read all safety instructions carefully before using the charger. Failure to follow these instructions may result in electric shock, fire, or damage to the product or connected device.

- Use only with compatible devices as specified in this manual.

- Do not expose the charger to water, rain, or excessive moisture.
- Avoid dropping or subjecting the charger to strong impacts.
- Do not disassemble, modify, or attempt to repair the charger. Refer to qualified service personnel.
- Ensure proper ventilation around the charger during use to prevent overheating.
- Unplug the charger from the power outlet when not in use or during electrical storms.



Figure 2: Diagram illustrating the various safety protection features of the T POWER charger, including Short Circuit Protection, Overheating Protection, Overcurrent Protection, Electrostatic Protection, Magnetic Field Protection, and Overvoltage Protection. These features are designed to ensure safe operation and protect both the charger and the connected device.

The charger incorporates multiple safety features, including Over Voltage Protection (OVP), Over Current Protection (OCP), and Short Circuit Protection (SCP), to ensure safe and stable power delivery.

3. Setup and Connection

Follow these steps to properly connect the T POWER charger to your Lydsto S3 pool vacuum cleaner:

1. Ensure the Lydsto S3 pool vacuum cleaner is turned off and placed on a dry, stable surface.

2. Locate the charging port on your Lydsto S3 pool vacuum cleaner.
3. Connect the 2-pin connector of the T POWER charger into the charging port of the pool vacuum cleaner. **Note:** The charger plug end is straight, not right-angle. You may need to adjust the position of the vacuum cleaner to facilitate connection.
4. Plug the T POWER charger into a standard AC 100V-240V wall outlet.
5. Verify that the LED indicator on the charger illuminates, indicating that charging has begun.



Figure 3: The Lydsto S3 Robotic Swimming Pool Vacuum Cleaner, the device compatible with this T POWER charger. This image shows the overall design of the pool cleaner, which requires the specific charger for its 15000mAh Li-ion battery.

4. Operating Instructions

Once connected, the T POWER charger will automatically begin charging the battery of your Lydsto S3 pool vacuum cleaner. The charger is designed for continuous charging until the battery reaches full capacity.

LED Indicator Display:



Figure 4: Close-up of the T POWER charger highlighting the LED indicator and explaining its various states. The image details how the LED light changes to indicate charging status, full charge, or potential issues like defects or temperature anomalies.

Charging: Green light flashing.

Fully charged: Green light solid.

Defective: Red light flashes fast.

Temperature anomaly: Red light flashes fast & slow.

The charger features a built-in integrated microchip that prevents overcharging and other malfunctions, thereby prolonging the battery life of your device.

5. Maintenance

To ensure the longevity and optimal performance of your T POWER charger, follow these maintenance guidelines:

- Keep the charger clean and free from dust and debris. Use a soft, dry cloth for cleaning.
- Store the charger in a cool, dry place when not in use.

- Avoid wrapping the cable too tightly around the charger, as this can damage the internal wires.
- Regularly inspect the cable and connector for any signs of wear, cuts, or damage. Discontinue use if damage is observed.



Figure 5: Illustration of the durable construction of the T POWER charger's cable and plug. This image highlights the quality materials used, designed to withstand up to 10,000 bends, ensuring a longer lifespan and reliable connection.

6. Troubleshooting

If you encounter issues with your T POWER charger, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Charger not working / No LED light	No power from outlet; Loose connection; Damaged charger.	Check wall outlet with another device. Ensure charger is firmly plugged into both the outlet and the vacuum cleaner. Inspect charger and cable for damage.

Problem	Possible Cause	Solution
Red light flashing fast	Defective charger.	Unplug the charger and plug it back in. If the issue persists, the charger may be defective. Contact customer support.
Red light flashing fast & slow	Temperature anomaly.	Unplug the charger and allow it to cool down in a well-ventilated area. Ensure it's not covered or in direct sunlight.
Charger plug is a tight fit	Slight variation in plug design compared to original.	Gently but firmly insert the plug. Ensure the vacuum cleaner is stable. Do not force the plug if it does not fit.

If the problem persists after attempting these solutions, please contact T POWER customer support for further assistance.

7. Product Specifications

Feature	Detail
Brand	T POWER
Model Number	TP- Lydsto S3 YM-S3-01 YMS301
Input Voltage	AC 100V - 240V (World Wide Input Voltage)
Input Frequency	50/60Hz
Amperage	2 Amps
Connector Type	2-Pin
Compatible Devices	Lydsto S3 Model YM-S3-01 YMS301 15000mAh Li-ion Battery IPX8 Waterproof Cordless Robotic Automatic Swimming Pool Vacuum Cleaner (PN: TPQ-248A240250UW01, TPQ-248A2402S0UW01)
Special Feature	Charging Indicator, OVP, OCP, SCP Protection
Included Components	1 Power Adapter
Manufacturer	T POWER with lydsto pool cleaner vacuum against IV -SC CE/RoHS certified
Certifications	CE/RoHS certified

8. Warranty and Support

T POWER is committed to providing high-quality power supplies and products. Your purchase is backed by the following:

✓

30-Day Return for Any Reason: You may return your undamaged product and packaging within 30 days of purchase to receive a FULL REFUND for any reason.

✓

1-Year Limited Manufacturer Warranty: We will take care of all quality-related issues, with easy exchange for a replacement.

✓

Technical Support: If you received the wrong item, are looking for a charger for your device, or if the adapter tip doesn't fit, please contact us. We are here to help.



Figure 6: An overview of T POWER's commitment to quality and customer support. This image highlights features like quality control, professional adapters, safety certifications, reinforced power cords, and details on the 30-day return policy, 1-year warranty, and technical support.

For inquiries or support, please refer to the contact information provided with your product packaging or visit the official T POWER store online.

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