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HKY Q15BU-278000500

HKY 27V AC Charger Instruction Manual

Model: Q15BU-278000500

1. Product Overview

The HKY 27V AC Charger (Model: Q15BU-278000500) is designed to provide reliable and efficient power to a range of compatible cordless vacuum cleaners. This charger features multiple safety protections to ensure safe operation and device longevity.

Package Contents

- 1 x HKY 27V AC Charger
- 1 x Power Cord

Compatibility

This charger is compatible with the following cordless vacuum cleaner models:

- **INSE Series:** N5, N5S, N500, N550, N560, N570, N6, N6S, N600, N650, N660, N670, V70, N6-1, N6-2
- **Wowgo:** S108
- **Deik:** VC-1518-US
- **ORFELD:** H01, V20, EV-679, H20A, EV660, RB666, RB680
- **Moulinex:** BLJ15L270050P-V, RS-2230001451, X-Pert 160 MS7233WO, FS-9100028844, MS7221WO
- **Tefal:** BLJ15L270050P-V
- **Arcelik:** YLS0241A-E270050
- **Grundig:** VCH9632 (GMN9082), VCH9932 (GMS2990), VCH9832 (GMS2500) JOD-S-270050GS
- **Severin:** HV7156
- **Roanow:** MarsVac S1, MarsVacS1
- **PRETTYCARE:** W100, W200, W300, W400
- **OKP:** X100, S100, MV200 (22.2V battery vacuum)
- **Foppapedretti:** A19-150R Pro, A19150R, A19150RPro, A19-150R Plus, A19150RPlus
- **Homeika:** H016, HA016, H016PJ

Important: This charger is NOT compatible with INSE S6, S6P, S6T, S6P Pro, S600, S650, S660, S670 models. Please verify your vacuum cleaner's model number before use.



Image: Compatibility chart for HKY 27V AC Charger with INSE and other vacuum models.

2. Important Safety Instructions

To ensure safe operation and prevent damage, please read and follow these safety guidelines:

- Use the charger indoors only. Do not expose it to rain or moisture.
- Ensure the charger is connected to a power outlet with the correct voltage (100-240VAC, 50/60Hz).
- Do not use the charger if the cord or plug is damaged. Contact customer support for replacement.
- Avoid placing the charger in direct sunlight or near heat sources.
- Keep the charger away from children and pets.
- Unplug the charger from the power outlet when not in use or before cleaning.
- Do not attempt to disassemble or modify the charger.
- The charger is equipped with multiple protection features including Over Voltage Protection (OVP), Over Current Protection (OCP), Short Circuit Protection (SCP), Over Heat Protection, Over Charge Protection, and Current Surge Protection.



Image: Internal safety features of the HKY charger.

3. Setup

Connecting the Charger

1. Ensure your vacuum cleaner is turned off.
2. Connect the power cord to the HKY 27V AC Charger.
3. Plug the charger's barrel connector into the charging port of your compatible cordless vacuum cleaner.
4. Insert the power plug into a standard wall outlet (100-240VAC).

The charger is designed with a single-outlet configuration to avoid blocking adjacent power outlets.



Image: HKY charger connected to a cordless vacuum cleaner.



Image: HKY charger's single-outlet design for convenience.

4. Operating Instructions

Charging Procedure

1. After connecting the charger as described in the Setup section, the charging process will begin automatically.
2. Refer to your vacuum cleaner's instruction manual for specific charging indicators (e.g., LED lights) and estimated charging times.
3. Once the vacuum cleaner's battery is fully charged, you may disconnect the charger. It is safe to leave the charger connected as it features over-charge protection.
4. Always disconnect the charger from the wall outlet when not in active use.

5. Maintenance

Care and Storage

- **Cleaning:** Disconnect the charger from the power source and your device before cleaning. Use a soft, dry cloth to wipe the surface. Do not use liquid cleaners or abrasive materials.
- **Storage:** Store the charger in a cool, dry place away from direct sunlight and extreme temperatures. Avoid wrapping the cable too tightly around the charger to prevent damage.
- **Handling:** Do not drop the charger or subject it to strong impacts. The cable is designed for durability with pure copper wires and a PVC jacket, but excessive bending or pulling can cause damage.



Image: Durable construction of the HKY charger's power cable.

6. Troubleshooting

If you encounter issues with your HKY 27V AC Charger, please refer to the following table:

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Charger not providing power.	1. Loose connection. 2. Power outlet issue. 3. Incompatible device. 4. Damaged charger/cable.	1. Ensure all connections are secure. 2. Test the outlet with another device. 3. Verify your vacuum model against the compatibility list. 4. Inspect charger and cable for visible damage. If damaged, discontinue use and contact support.
Vacuum not charging.	1. Vacuum's charging port issue. 2. Vacuum's battery issue. 3. Charger not fully inserted.	1. Consult your vacuum cleaner's manual for troubleshooting charging issues. 2. Ensure the charger's barrel connector is fully and correctly inserted into the vacuum's charging port.
Charger feels warm during use.	Normal operation.	It is normal for the charger to feel slightly warm during operation. If it becomes excessively hot or emits smoke/odor, unplug immediately and contact support. The charger has over-heat protection.

7. Specifications

Detailed technical specifications for the HKY 27V AC Charger:

Feature	Specification
Model Number	Q15BU-278000500
Input Voltage	100-240VAC, 50/60Hz
Output Voltage	26-27VDC
Output Current	0.5 Amps (500mA)
Wattage	14.3 watts
Connector Type	Barrel Connector
Color	Black
Special Features	Fast Charging, Lightweight Design, Short Circuit Protection, Over Voltage Protection, Over Current Protection, Over Heat Protection, Over Charge Protection, Current Surge Protection
External Dimensions (approx.)	45 mm (W) x 46 mm (D) x 27 mm (H)
Weight (approx.)	110 g

Feature	Specification
Certifications	CE, FCC, RoHS, UL Listed, UKCA, TUV

Note: The 22.2V mentioned on some vacuum batteries refers to the battery's voltage, not the charger's output voltage. This charger provides 26-27V output.



Image: Compact design and dimensions of the HKY charger.



Image: Safety certifications for HKY products.

8. Warranty and Customer Support

Warranty Information

HKY provides a **3-year warranty** for this product, covering manufacturing defects and malfunctions under normal use. Please retain your proof of purchase for warranty claims.

Customer Support

For any questions, technical assistance, or warranty claims, please contact HKY customer support. We offer 24/7 email support and a 90-day money-back guarantee.
Please visit the official HKY website or refer to your purchase platform for specific contact details.

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Details

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