

1. Overview

This manual provides instructions for the NEXPOW Car Vacuum, a cordless, rechargeable handheld vacuum cleaner. The device is designed for cleaning cars, homes, and offices. It features two suction modes, a digital screen, a transparent dust cup, and a dual-layer filtration system.



Model: MS21Y-02B

Color: Gray

Power Source: Rechargeable 7500 mAh Lithium-Ion Battery

Dust Cup Capacity: 0.2 Liters (200 mL)

2. Safety Information

WARNING:

- Do not use the vacuum to pick up liquids, burning materials, or sharp objects.
- Do not use the vacuum if it is damaged or if the battery is leaking.
- Keep the vacuum and its charger away from water and other liquids.

- Do not block the air intake or exhaust vents during use.
- Use only the provided charging base or a compatible USB port for charging.
- This product is for indoor use only.

3. Components and Parts



Main Unit

- **Main Body:** Houses the motor, battery, and controls.
- **Digital Screen:** Displays battery level and operational status.
- **Power/Suction Mode Button:** Turns the vacuum on/off and switches between suction modes.
- **Dust Cup Release Button:** Allows for one-touch emptying of the dust cup.
- **Transparent Dust Cup:** Holds collected debris (200 mL capacity).
- **Dual-Layer Filter:** Located inside the dust cup, consists of a HEPA filter and a stainless steel filter.
- **Charging Port:** USB Type-C port for charging.

Included Accessories

- **Extended Straight Pipe with Floor Brush:** For cleaning floors and carpets without bending.
- **Square Brush:** For cleaning upholstery, sofas, and beds.
- **Combined Flat Brush:** For cleaning narrow gaps and crevices.
- **Charging Base:** For home charging.
- **USB Charging Cable:** For charging via the base or a car USB port.

4. Charging the Battery

The vacuum has a built-in 7500 mAh Lithium-Ion battery. A full charge takes 4-6 hours.

Charging Methods:

1. Home Charging (Using the Base):

- Place the vacuum onto the provided charging base.
- Connect the USB cable to the base and plug the other end into a standard USB wall adapter.

2. Car/USB Charging (On-the-Go):

- Connect the provided USB cable directly to the vacuum's charging port.
- Connect the other end to a car's USB port or any compatible USB power source.

Note: The digital screen will show the battery level during charging and operation. A full battery provides approximately 30 minutes of runtime on the lower suction mode and 15 minutes on the higher suction mode.

5. Basic Operation

Powering On/Off and Selecting Suction Mode

1. Press the Power button once to turn the vacuum on. It will start in the lower suction mode (8000 PA).
2. Press the Power button again while the vacuum is running to switch to the higher suction mode (18000 PA). The digital screen may indicate the active mode.
3. Press and hold the Power button to turn the vacuum off.

Using the Attachments

1. Ensure the vacuum is turned off.

2. Align the desired accessory (brush or pipe) with the vacuum's intake nozzle.
3. Push the accessory firmly onto the nozzle until it clicks into place.
4. Turn the vacuum on and begin cleaning.
5. To remove an accessory, pull it straight off the nozzle.

Recommended Uses for Each Brush

- **Floor Brush with Extended Pipe:** Hard floors, carpets, car floors.
- **Square Brush:** Car seats, sofas, mattresses, pet beds.
- **Combined Flat Brush:** Car vents, keyboard keys, window tracks, tight crevices.
- **Main Nozzle (No attachment):** General surface cleaning, larger debris.

6. Emptying the Dust Cup and Cleaning the Filter

Emptying the Dust Cup

1. Turn the vacuum off.
2. Press the Dust Cup Release button, usually located near the top of the dust cup.
3. The bottom of the transparent dust cup will open, allowing debris to fall out. Empty it into a trash bin.
4. Close the dust cup door until it clicks shut.

Tip: The transparent design allows you to see when the dust cup is full and needs emptying.

Cleaning the Dual-Layer Filter

For optimal performance and suction, clean the filter regularly.

1. Empty the dust cup as described above.
2. Twist and pull the filter assembly out from the top of the dust cup or the main body (refer to product design).
3. The filter consists of two parts: a washable HEPA filter and a stainless steel pre-filter.
4. Gently tap the filters to remove loose dust. Rinse the HEPA filter with cold water. Do not use soap or detergents.
5. Allow the HEPA filter to air dry completely for at least 24 hours before reassembly.
6. Wipe the stainless steel filter with a dry cloth.
7. Reinsert the dry filter assembly back into the vacuum.

WARNING: Never operate the vacuum without the filters installed or with a wet filter, as this can damage the motor.

7. Maintenance and Storage

- Empty the dust cup after each use.
- Check and clean the filters every 2-3 uses, or more frequently if picking up fine dust.
- Wipe the exterior of the vacuum with a dry or slightly damp cloth. Do not submerge in water.
- Store the vacuum and all accessories in a cool, dry place.
- For long-term storage, charge the battery to approximately 50% and recharge every 3 months.
- Use the provided charging base to store the vacuum and prevent it from falling over.

8. Troubleshooting

Problem	Possible Cause	Solution
Vacuum does not turn on.	Battery is depleted.	Connect the vacuum to the charger. Allow it to charge for 4-6 hours.
Weak suction power.	Dust cup is full. Filter is clogged. Air intake is blocked.	Empty the dust cup. Clean the filter as described in Section 6. Check and clear the nozzle or accessory for blockages.
Vacuum turns off during use.	Battery is low. Motor overheating protection activated.	Recharge the battery. Turn the vacuum off and allow it to cool down for 15-20 minutes.
Battery does not charge.	Faulty power source or cable. Charging port is dirty.	Try a different USB wall adapter or car USB port. Ensure connections are secure. Gently clean the charging port with a dry, soft brush.
Unusual noise or vibration.	Foreign object stuck in the impeller or brush roll.	Turn off and unplug the vacuum. Inspect the intake nozzle and brush heads. Remove any obstruction.

9. Technical Specifications

- **Brand:** NEXPOW
- **Model Number:** MS21Y-02B
- **Max Suction Power:** 18000 PA

- **Suction Modes:** 2 (8000 PA / 18000 PA)
- **Motor Power:** 120 Watts (0.16 HP)
- **Battery:** 7500 mAh Lithium-Ion
- **Charging Time:** 4-6 hours
- **Runtime:** Up to 30 mins (Low), Up to 15 mins (High)
- **Dust Cup Capacity:** 0.2 Liters
- **Filtration:** Dual-Layer (Washable HEPA + Stainless Steel Filter)
- **Noise Level:** ~70 dB
- **Weight:** Portable, handheld design.
- **Charging Methods:** Home Charging Base, Car/USB Port (USB Connectivity)
- **Included Accessories:** Extended Pipe with Floor Brush, Square Brush, Combined Flat Brush, Charging Base, USB Cable.

Warning

This content is compiled from multiple sources and is provided for reference purposes only. It may not be complete or fully applicable to all situations. If you are unable to resolve your issue, please contact the product manufacturer or an authorized service provider for official support.