

User Manual: 500ml Portable Car Electric Kettle 12V/24V Touch Screen

1. Product Overview

This 500ml portable car electric kettle is designed for on-the-go heating needs during travel, road trips, camping, or daily commutes. Compatible with 12V and 24V car power supplies, it features an intelligent touch screen for temperature adjustment (30°C-100°C), keeping your drinks at the desired temperature anytime. The thermal insulation design ensures heat retention, while the compact size makes it easy to store in car cup holders.

2. Package Contents

- 1 x Portable Car Electric Kettle (500ml)
- 1 x 12V/24V Car Power Cable (with cigarette lighter plug)
- 1 x Silicone Sealing Lid
- 1 x User Manual

3. Technical Parameters

- Capacity: 500ml (Max. Fill Line, do not overfill)
- Voltage: Dual-compatible 12V/24V DC
- Power: 120W (12V) / 240W (24V)
- Temperature Adjustment Range: 30°C-100°C
- Material: Food-grade 304 Stainless Steel (inner) + Heat-resistant PP (outer)
- Touch Screen Response Time: ≤ 1 second

4. How to Use

4.1 Preparation

- Ensure the kettle is clean and dry before first use.

- Open the lid and pour water into the kettle, filling it between the MIN (100ml) and MAX (500ml) lines. Do not exceed the MAX line to avoid boiling water overflow.
- Tighten the silicone sealing lid firmly to prevent leakage during heating.

4.2 Power Connection

- Insert the car power cable's cigarette lighter plug into your car's 12V or 24V power outlet (ensure the voltage matches the kettle's compatibility).
- The kettle's LED display will light up, indicating it's powered on.

4.3 Temperature Setting & Heating

- Tap the "Power" button on the touch screen to activate the kettle.
- Use the "+" and "-" touch buttons to adjust the target temperature (30°C-100°C). The current set temperature will be displayed on the screen.
- Tap the "Start" button to begin heating. The screen will flash the set temperature, and the heating indicator will turn red.
- When the water reaches the set temperature, the kettle will automatically switch to insulation mode (heating indicator turns green), maintaining the temperature for up to 6 hours.
- To stop heating manually, tap the "Power" button twice or disconnect the power cable.

4.4 Insulation Mode

- After heating is complete, the kettle enters insulation mode by default.
- To adjust the insulation temperature, repeat the temperature setting steps (Section 4.3) during insulation mode.

5. Charging/ Power Notes

- Use only the included 12V/24V car power cable. Do not use incompatible cables to avoid short circuits or device damage.
- Ensure the car's power outlet is functioning properly before use.
- Disconnect the power cable when the kettle is not in use or when the car is turned off to save battery.
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Heating time: Approximately 8-12 minutes to boil 500ml of water (varies by initial water temperature and car voltage).

6. Cleaning & Maintenance

- Unplug the power cable and let the kettle cool down completely before cleaning.
- Remove the silicone lid and rinse it with warm water; wipe the lid seal to remove residue.
- Clean the inner pot with a soft sponge and neutral detergent; avoid using abrasive cleaners or steel wool to scratch the 304 stainless steel surface.
- Wipe the outer body with a damp cloth; do not immerse the kettle or power cable in water.
- Dry all parts thoroughly before reassembling or storing.
- For long-term storage, clean and dry the kettle, then store it in a cool, dry place.

7. Safety Precautions

- Do not use the kettle without water (dry heating) – this will trigger the overheat protection and may damage the heating element.
- Keep the kettle away from children and pets during heating to avoid scalding.
- Do not open the lid immediately after heating; wait 1-2 minutes for the internal pressure to release.
- Do not place the kettle on unstable surfaces (e.g., car seats) while heating; use a car cup holder for stability.
- Avoid touching the inner pot or hot surfaces during/after heating – the outer body is heat-resistant but the lid and spout may be hot.
- Stop using immediately if the kettle emits abnormal noise, smoke, or odor, or if there is water leakage. Disconnect the power and contact customer service.
- Do not modify or disassemble the kettle by yourself; unauthorized repairs will void the warranty.

