

6100/6100A On-board Heating Cup

User Manual

Thank you for choosing this product. Please read the manual carefully before use so that you can use it correctly. And please keep this manual properly.

Product Structure



The product pictures in this manual are for reference only. Real products' appearance and color shall be subject to the specific models.

Product Features and Brief Introduction

Product Features and Main Functions:

- 1: Hidden touch screen buttons; direct-access design concept.
- 2: Portable design with hand-held ring suitable for carrying around.
- 3: Bounce cap design.
- 4: Pressure protection and water leakage prevention design.
- 5: No-water detection chip prevents dry heating.
- 6: Current overload protection.
- 7: Power supply abnormality protection function.
- 8: Self-checking function for temperature control failure.
- 9: Self-checking function for heating system failure.

Main Technical Specifications:

- A. Applicable working power supply voltage range of controller: 30V -6.5V
- B. Working ambient temperature of controller: -5°+55°
- C. Working environment humidity of controller: PH20%-PH90%
- D. Maximum heating load current handled by controller: 15A:
- E. Program controlled temperature tolerance range: $\pm 5^\circ$

Product Profile: Quality materials:

- 1: The inner liner is made of 304 stainless steel.
- 2: the cup cover is made of food-grade PP material.
- 3: Food grade silicone .

User Manual

- A: After power-on, the temperature in the cup is shown on the display screen. Press the mode button to select the modes of boiling water, constant temperature, tea brewing and milk making. Press and hold for 5 seconds to switch the power between fast heating and slow heating.
- B: Pressing the cycle key changes temperature by 5° each time, with an available range of 30°-100°.
- C: When the switch key is pressed, if the red light is on it represents working state; if the blue light is on it indicates standby state; and green light means it stops working.

Operation Guide

Water Boiling Mode

Under the water boiling mode, the default temperature is set to 100°, and temperature can be adjusted through the cycle key. The words "fast heat" or "slow heat" will light up.

Constant Temperature Mode

Under the constant temperature mode, the default temperature is set to 50°, and temperature can be adjusted through the cycle key. The temperature can be kept at a maximum of 90° and a minimum of 45°. The words "fast heat" or "slow heat" will light up.

Tea Brewing Mode

Under the tea brewing mode, default temperature is set to 85°, and temperature can be adjusted through the cycle key. The words "fast heat" or "slow heat" will light up.

Milk Making Mode

Under the milk making mode, default temperature is set to 45°, and temperature can be adjusted through the cycle key. The words "fast heat" or "slow heat" will light up.

Failure Code

Error Code	Cause of Failure	Solutions
E0	Temperature sensor open circuit	Return to the factory for repair
E1	Power supply voltage below 6.5V	Please check whether the voltage is normal
E2	Power supply voltage above 30V	Please check whether the voltage is normal
E3	Short circuit of temperature sensor	Return to the factory for repair
E4	Protection against dry burning	Please check if there is water in the cup

Product model	6100/6100A
Product Material	304 stainless steel liner, food grade PP, silicone
Product Capacity	500ml
Rated voltage	Vehicle 12V/24V
Rated power	Vehicle 100W 50W