



12V QUICK-BOIL KETTLE

HKC12VKTL-QB USER MANUAL

IMPORTANT, RETAIN FOR FUTURE REFERENCE: READ CAREFULLY



CAUTION: HOT SURFACES

Appliance generates heat during use. Proper precautions must be taken to prevent the risk of burns, fires, or other injury to persons or damage to property. This appliance is hot during operation and retains heat for some time after turning OFF.

- **CAUTION: KEEP OUT OF REACH OF CHILDREN**
- This appliance should not be used by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they are supervised or have been instructed on how to use the appliance by a person responsible for their safety.
- Do not alter or disassemble this appliance under any circumstances. Incorrect handling or reassembly may result in a risk of electric shock or fire and may void the unit warranty.
- To protect against electric shock do not immerse cord, plugs, or appliance in water or other liquid.
- Unplug when not in use and before cleaning. Allow to cool before cleaning the appliance.
- Do not let cord hang over edge of table or counter, or touch hot surfaces.
- Do not place on or near a hot gas or electric burner, or in a heated oven.
- Extreme caution must be used when moving an appliance containing hot liquids.
- Store in a well ventilated space to prevent moisture build up which could lead to mould.
- Inspect the unit before each use and clean with a damp paper towel.

PRODUCT OVERVIEW



1	Screw top lid	3	Temperature control buttons
2	Reservoir fill window	4	Standby button

SPECIFICATIONS

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VOLTAGE	12V DC
WATTAGE	350W ±10%
DRAW	5.79Ah per 800mL boil (max discharge 31.5A)
CAPACITY	800mL
FUSE SIZE	40A
CABLE GAUGE	10 AWG / 6mm ²
MATERIALS	Polypropylene, stainless steel
PROTECTIONS	Boil-dry protection, temperature-induced shut-off, short circuit

USING THE KETTLE

1. Before using the kettle for the first time, it is recommended that you wash the kettle out with warm soapy water, and rinse with fresh clean water.
2. Plug the quick-boil kettle into a capable 12V DC power source using the Anderson-style connector. Do not use a lighter socket adaptor as it will not be rated for the power this device requires. Once powered, you will hear a beep and the kettle will enter standby mode (shown as - - -).
3. Press the  button and the display will show the temperature the kettle is set to heat to. By default, the kettle will be set to 100°. You can press  or  to set the temperature to which the kettle will heat the water. The temperature range is capped at between 50° and 100°, in 5° increments.
4. Once your desired temperature is selected, press the  button again and the kettle will begin to heat the water, showing an animation on the display.
5. Once the water has reached the set temperature, the kettle will enter a **maintenance mode**. When the water temperature drops below the set temperature by 10-15°, the kettle will re-heat the water back to the set temperature.
6. To exit the maintenance mode, simply press the  button again and the kettle will enter standby mode once again (shown as - - -).
7. To fully turn the kettle off, unplug the Anderson-style connector or switch off the power source.

BOIL TIMES

(Times based on power via LiFePO4 battery @ 13.3V)

VOLUME	TIME TO BOIL
200ML	3.4 minutes
400ML	6.1 minutes
600ML	8.8 minutes
800ML	11.6 minutes

ERROR CODE

The code 'E R R' will be displayed under the following conditions:

- Operating outside an ambient temperature range of 5°C to 40°C.
- When the water temperature within the kettle is 4°C or lower.

This is not a fault, but serves as a warning that you are operating the kettle outside of its standard operating parameters.

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

Hardkorr warrants that this product will be free from defects in material and workmanship for the period we specify. The warranty commences on the date of purchase by the original purchaser, and is not transferable. To access the benefits of this warranty, you must retain your proof of purchase and follow any other direction we reasonably give you.

TO BEGIN A WARRANTY CLAIM

If you believe your Hardkorr product is defective, it must be returned to us for inspection by our warranty claims department.

You must have a Return Authorization (RA) number. To get your RA number, please complete the form found on our website and wait for the warranty team to contact you.

Once you have an RA number, you must arrange and pay for the product must be shipped back to us (keep your receipt). The address for shipment will be provided when we issue your RA number. Please be sure that your RA number is clearly marked on the outside of the packaging used for shipping.

Completing the steps as mentioned will ensure we can process your claim quickly and get your product back to you as soon as possible.

Once we receive your returned product, our technicians will inspect it. We will then notify you of the outcome of your claim.

If we accept your warranty claim, we will either repair, replace or refund the goods at our discretion. We will also reimburse you for the shipping costs you incurred in sending the goods back to us. Any products that we choose to replace or refund become our property.

If we do not accept your claim, we will advise you of the reason and hold your product for collection. You will need to arrange and pay for the product to be shipped back to you. If it is not collected within 30 days of your warranty claim being finalised, we may destroy it.

Your warranty is voided if we (at our sole discretion) determine that there is evidence of:

- Negligence: Improper installation, improper or extreme use, use that contravenes this instruction manual, etc.
- Abuse: Road hazards, Damage beyond the limits of "normal wear and tear."
- Unauthorized Repair: Repair service performed by an unauthorised service centre.
- Disassembly: Any attempt to open, tamper with or otherwise compromise the integrity of the product.
- Consequential damage: damage to this product caused by the failure of another component of the vehicle or device in which this product is installed.
- Exterior Finish: Hardkorr uses the highest quality materials available, but depending on location, environment and exposure, the colour of exterior surfaces can fade. We will not approve any warranty claims that relate to fade.

ADDITIONAL TERMS FOR LIGHTING PRODUCTS

Damage to Lenses: certain chemicals cause damage to polycarbonate plastics. Using cleaning products that contain any of these chemicals will void your warranty: Acetic Acid Aq., Acetone, Ammonium Carbonate Aq., Ammonium Chloride Aq., Benzene, Calcium Hypochlorite, Chloroform, Chromic Acid Aq., Ethyl Acetate, Ethylene Glycol Aq., Formaldehyde Aq., Citric Acid, Heptane, Hydrofluoric Acid Aq., Lubricating Oils (Petroleum), Methyl Ethyl Ketone, Methyl Chloride, Mineral Oils, Oleic Acid, Ozone, Phosphoric Acid Aq., Toluene, Turpentine, Zinc Chloride Aq.

ADDITIONAL TERMS FOR BATTERY PRODUCTS

Incorrect charger: The use of a battery charger that is not suitable for lithium batteries i.e. does not have a lithium battery charge profile.

Under bonnet use: Using this battery under the bonnet of a vehicle.

Overcharge/over-discharge: Charging or discharging your battery at a rate higher than those stipulated in the Specifications table of the instruction manual.

Water ingress: your battery is not designed to be installed in an area that is subject to water ingress.

ADDITIONAL TERMS FOR PORTABLE SOLAR PRODUCTS

Incorrect folding: You must ensure that you fold and unfold your solar panel according to the directions on the panel and/or the instruction manual. Incorrect folding may stress wiring joins or crack cells causing failure of the product.

DISCONTINUED PRODUCTS

If a discontinued item is still inside the warranty period it may be replaced by an equivalent item. If an equivalent item is not available we will determine terms of resolution on a case-by-case basis.