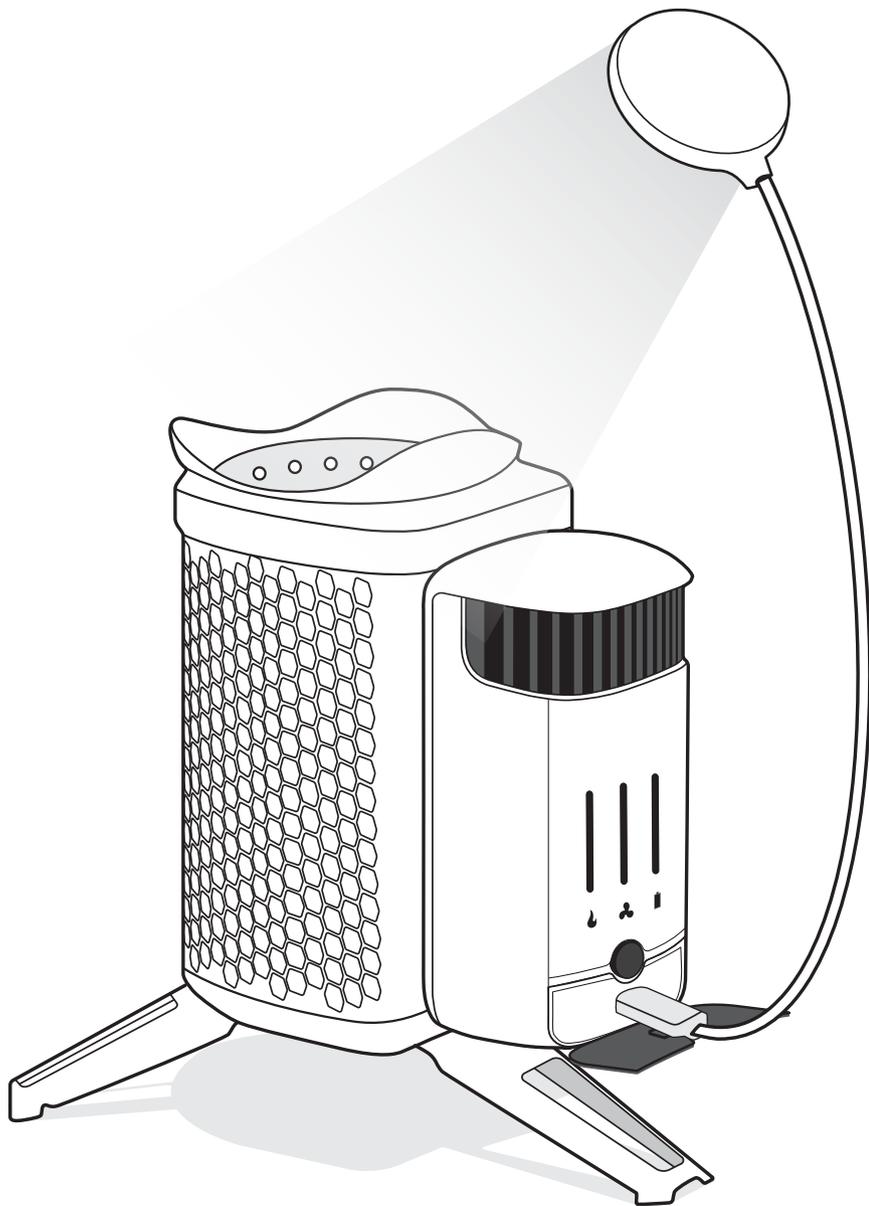




# CampStove 2

## Instruction Manual



### BEFORE FIRST USE:

READ, UNDERSTAND, AND FOLLOW ALL instructions and warnings before operating this stove. Failure to comply with the precautions and instructions provided with these stoves can result in property loss or damage, serious bodily injury, or death. For Outdoor Use Only.

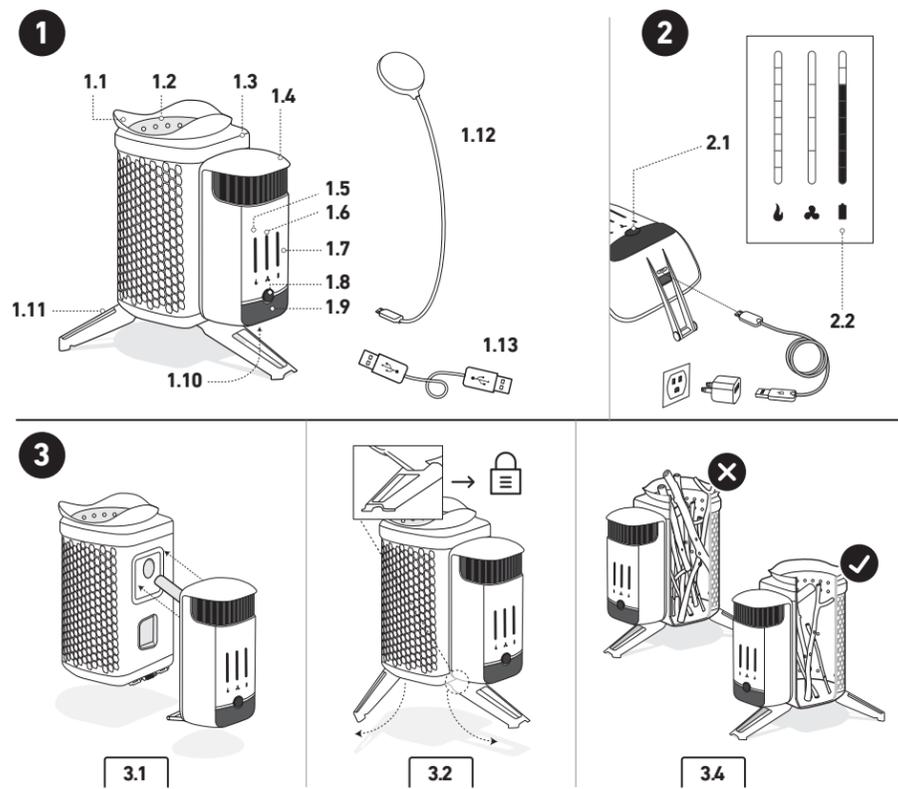
This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

**DANGER: CARBON MONOXIDE HAZARD.** This stove is for OUTDOOR USE ONLY. Never for use in tents, vehicles, indoors, or other places without fresh air. Carbon Monoxide inhalation can cause death or brain damage. Carbon Monoxide (CO) is produced when fuel burns. **EXPLOSION - FIRE HAZARD.** This stove is intended to burn solid biomass (e.g. wood, pinecones, etc) only. NEVER add liquids, gels, plastics, or other accelerants into stove. This stove is hot during use and can ignite flammable materials too close to the flame. Keep flammable materials at least 18 inches from the sides and 48 inches from the top of the stove. Keep gasoline and other flammable liquids and vapors well away from the stove. Clean stove frequently to avoid grease accumulation and possible grease fires. **BURN HAZARD.** Metal surfaces on stove will be hot when stove is operating and present a burn hazard. Handle stove by Power Module only. Flames may be large. Never leave stove unattended when hot or in use. Do not move stove while lit. Keep out of reach of children. Always use on level ground. **BATTERY HAZARD.** The rechargeable battery inside the Power Module may present a risk of fire, explosion, leakage or chemical burn if mishandled. To prevent hazards, keep power module dry to preclude corrosion of the battery. Keep Power Module and battery well away from other heat sources. Do not expose the battery to excessive physical shock, pressure, or vibration. DO NOT attempt to change the battery yourself. If the battery does not recharge, please contact BioLite for repair information. **CALIFORNIA PROPOSITION 65 WARNING:** Burning wood stove fuels such as natural firewood results in the emission of carbon monoxide, soot and other combustion by-products which are known by the State of California to cause cancer, birth defects, or reproductive harm.

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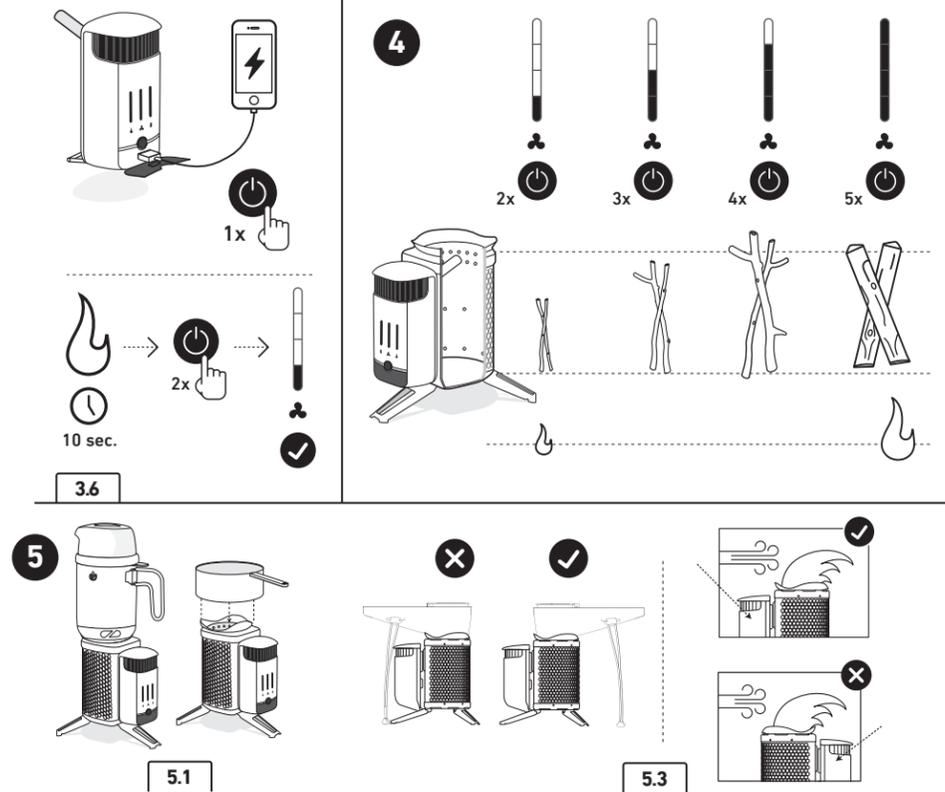


**1. CAMPSTOVE 2 COMPONENTS:** 1. Pot Stand. 2. Fuel Chamber. 3. Stove Body. 4. Power Module. 5. Fire Strength LED Indicator. 6. Fan Speed LED Indicator. 7. Power Supply LED Indicator. 8. Power Button. 9. USB Charge-Out. 10. Micro USB Charge-In. 11. Folding Legs. 12. Detachable USB FlexLight. 13. Micro-USB Charging Cord.

**2. AT HOME:** The CampStove 2 features an on-board 2600 mAh internal battery that comes partially charged so you can begin use immediately. 1. Check the battery life available by pressing the power button once and the Power Supply LED indicator will illuminate. 2. If you would like to start your trip with a fully charged battery, plug the included micro-USB cord into the USB-in port located underneath the Power Module and connect to a power source. 3. The Power Supply LEDs will begin to flash upward in sequence until the entire bar is solid green, indicating the battery is fully charged.

**3. START UP:** “Fuel” refers to solid biomass, e.g. sticks, wood pellets, etc. **NEVER** use liquid fuels or charcoal. 1. Slide Power Module into Stove Body 2. Fully extend all legs to lock power module into place. 3. Place on level ground away from any overhanging branches. Clear away dry brush on the ground around the stove. 4. Place small, dry fuel in Fuel Chamber; pack loosely and do not block air jets. 5. Light the fuel, using a long match or lighter and with the aid of included firestarters. 6. After ten seconds, press the Power Button 2x to activate fan on START UP setting (this is the lowest speed and will help begin oxygen flow). Note: Pushing the Power Button once will activate the battery level indicator. Push twice to access fan and control airflow. Each subsequent push will take you through four fan speeds: 1x: Power Supply Indicator ON & Charge Out Activated. 2x: Fan ON, Start Up. 3x: Fan ON, Low. 4x: Fan ON, Medium. 5x: Fan ON, Hi. 6x: Fan ON, campfire/startup mode.

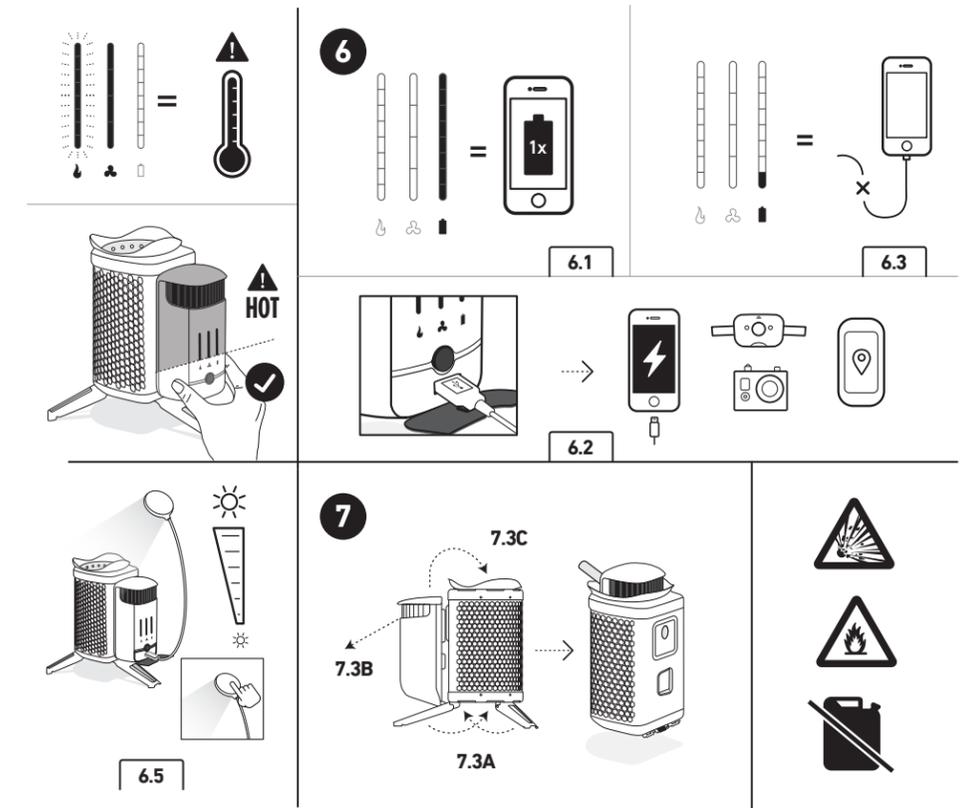
**4. BURNING:** As fire builds, add larger dry fuel. At this point you can push the Power Button to increase airflow and create an even stronger fire. The blue LEDs located in the middle of your Power Module will indicate current fan speed. The stronger the fire, the more power will be generated by the thermoelectric generator. At peak operation the stove can be packed to the top with fuel. **DO NOT** pack beyond air jets at top of Fuel Chamber. Packing sticks beyond fuel chamber will result in incomplete combustion and may



present a burn hazard. Recommended fuels for best fires: BioLite premium food-safe wood pellets (sold separately); Tinder - dried twig shavings, birch bark; Kindling - dry twigs. Dry dense fuels will burn hottest and longest (e.g. oak, maple, fir, birch). Note: Avoid using wet or damp wood or leaves. These will smoke and burn poorly.

**5. COOKING:** The CampStove 2 works with the BioLite KettlePot and Portable Grill along with your existing pots and pans. 1. Place cookware directly on top of Pot Stand. If cookware has a handle, align in the direction of the Power Module so flames are blocked and handle does not overheat. 2. To refuel while cooking, remove cookware carefully to add dry fuel as needed (for Portable Grill, simply lift fuel intake lid with heatproof utensil). 3. If using Portable Grill, ensure that grill has been oriented properly - do NOT place backwards. This will damage the Power Module. NOTE: To avoid damage to the Power Module, ensure that it is never downwind of the flame. **WARNING:** Exercise extreme caution when moving pot or adding fuel as pot and its contents are hot. Never touch metal parts of the CampStove 2 when in use. If required to move CampStove 2, only touch the lower section of the plastic Power Module by power button area. Do NOT touch upper portion as this may present a burn hazard. **OVERHEAT MODE:** CampStove 2 contains an automatic warning mechanism when device is at risk of overheating. In this rare case, all heat LEDs will begin to flash; stop refueling immediately and allow system to cool down. If LED begins to flash rapidly, system will deactivate fan so fire cannot burn as hot. When system cools sufficiently, fan access will re-engage.

**6. CHARGING:** 1. The Power Supply LED Indicator shows how much power is available in the internal battery to share out to external devices. When this bar is fully lit, it is capable of providing one full phone charge, even without the fire running. 2. To charge devices such as mobile phones and LED lights, attach your device’s charging cable to the USB Charge Out Port. Note: when multiple Power Supply LEDs are lit, you may charge devices even when stove is not in use. 3. When Power Supply LED Indicator has only one LED lit, CampStove 2 will enter Low Power Mode and will stop offering a charge-out unless a fire is running. If fire is burning, it will charge external devices in cycles, using real-time generation from the fire to return power to the battery. 4. To



ensure maximum continuous charging, always keep a strong fire going. The Fire Strength Indicator directly correlates to the amount of power being produced. The more lights lit, the more power is being created. **WARNING:** Keep devices away from flames and use caution when plugging in to avoid hot metal parts of stove. FlexLight Use: 5. To use included FlexLight, plug directly into USB Charge Out Port. Bend to desired angle and tap once to turn on. To dim, press and hold top of FlexLight with finger to reach desired brightness.

**7. SHUT DOWN:** 1. Allow fire to burn down to cold ash. For live embers, pour into a dugout hole, extinguish with water, and cover with dirt. 2. The Power Module will automatically turn off when no heat is detected. To manually turn the Power Module off, press and hold the Power Button for three seconds. After manual turn off, the fan may automatically turn back on to keep the Power Module protected from the residual heat. 3. To store the stove after the Fuel Chamber is full cooled: Fold legs down, remove Power Module, and slide Power Module into the Fuel Chamber. **WARNING:** Never pour water into the stove. Remember to extinguish fully and bury embers – live embers can start fires!

**8. CLEANING & MAINTENANCE:** Remove Power Module from stove body and wipe down with a damp cloth with soap and water. **DO NOT** submerge in water or allow to get excessively wet. Clean out all ash from stove body and scrub with nylon brush. Dry thoroughly. Keep CampStove 2 in a cool, dry, and well-ventilated place. Avoid storage in excessive heat. Keep out of reach of children.