

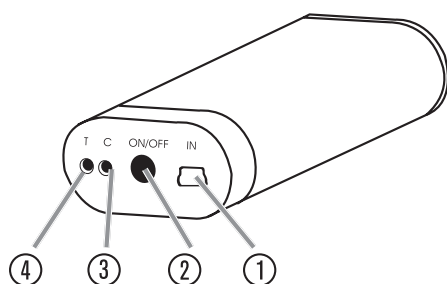
# thermotank

## RECHARGEABLE HAND WARMER

Model # 48011

Thank you for purchasing a ThermoTank hand warmer. Please read the instructions carefully before using your ThermoTank hand warmer to ensure proper use and care.

### COMPONENTS AND PARTS



### MAIN UNIT

1. Mini USB port
2. ON/OFF button
3. Red LED-Charging indicator
4. Green LED-Heat indicator
5. Top cap
6. Bottom cap

### INCLUDED ACCESSORIES

- (1) USB cable
- (1) Soft carrying bag

### CHARGING THE INTERNAL LITHIUM ION BATTERY

Your ThermoTank hand warmer has an internal, 4400 mAh rechargeable Lithium Ion battery, which allows for up to 6 hours of continuous use at a constant temperature of 40° to 45°C (104° to 113°). Your ThermoTank will ship with a partial charge, but you should charge it completely before using it for the first time.

### TO CHARGE THE BATTERY:

1. Plug the Mini USB connector into the Mini USB port (1) on the ThermoTank.
2. Plug the standard USB plug end of the included USB cable into a USB port on a PC, laptop, car charger or USB 5V-500mA adapter plug
3. Once plugged in, charging will begin and the Red LED (3) will start to blink.
4. When the Red LED (3) stops blinking, the charge is complete.

**NOTE:** The ThermoTank is designed with overcharge protection to prevent damage to the internal battery.

### USING YOUR HAND WARMER

Press the ON/OFF button (2) to turn on your ThermoTank. The green LED will illuminate. ThermoTank will begin to heat up and reach its maximum temperature in a few minutes. Press the ON/OFF button again to turn the unit off. Use the included silicone caps to help repel moisture and protect the device from bumps and drops.

### SPECIFICATIONS

**BATTERY:** Rechargeable Lithium Ion-4400 mAh

**INPUT:** 5V- 900mA

**CHARGE TIME:** USB-5 hours

**USE TIME:** At least 6 hours continuous use with fully charged battery

#### LED status indicators

- (1) Red LED-Charging indicator
- (1) Green LED-Heat indicator

**NUMBER OF CHARGE CYCLES:** >500

**OPERATING TEMPERATURE RANGE:**

32° to 113°F (0 to 45°C)

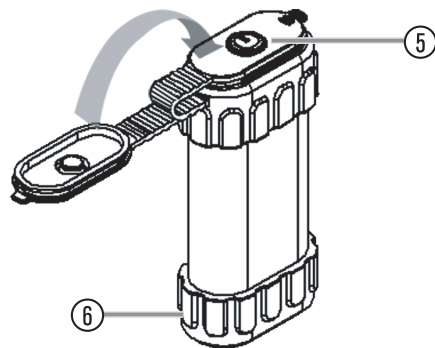
**STORAGE TEMPERATURE RANGE:** 68° to 77° F (optimal)

**WEIGHT AND DIMENSIONS:** 148 grams, 45 mm x 95 mm x 23 mm (1.77" x 3.74" x .90")

**NOTE:** Storage of more than 6 months without use will have detrimental effect on battery life.

### WARNING:

- "Extreme" temperatures are not recommended when storing your ThermoTank
- Optimal storage temperature range is: 40° to 77°F (4° to 25°C)
- Optimal operating temperature range is: 14° to 140°F (-10° to 60°C)



**WARNINGS:** Read all instructions and warnings prior to using this product. Improper use of this product may result in product damage, excess heat, toxic fumes, fire or explosion, for which damages you ("Purchaser"), and not Smart Team or Celestron (collectively "Manufacturer") are responsible.

- Do not store ThermoTank in high temperature environment, including intense sunlight heat. Do not place battery in fire or other excessively hot environments.
- It is not recommended to leave your ThermoTank unused for an extended period as the lithium polymer battery will self discharge over time
- If left more more that 3 months without use, it is recommended that you discharge the battery and then recharge fully
- Be cautious of excessive drops, bumps, abrasions or other impacts to this battery. If there is any damage to the battery such as dents, punctures, tears, deformities or corrosion, due to any cause, discontinue use and contact manufacturer or dispose of it in an appropriate manner at your local battery recycling center.
- Do not disassemble this battery or attempt to repair or modify it in any manner.
- Do not expose this battery to moisture or submerge it in liquid. Keep battery dry at all times.
- Do not attempt to charge battery using any method, apparatus or connection other than the device's USB connector. For questions or instructions for the various ways to charge the ThermoTank refer to this manual's "CHARGING THE INTERNAL LITHIUM ION BATTERY" section.
- Do not attempt to replace any part of this battery.
- This battery is intended for adult use only. If this battery is intended by Purchaser to be used by a minor, purchasing adult agrees to provide detailed instructions and warnings to any minor prior to use. Failure to do so is sole responsibility of purchaser, who agrees to indemnify Manufacturer for any unintended use/misuse by a minor.
- All batteries have gone through a thorough quality assurance inspection. If you find that your battery is excessively hot, is emitting odor, is deformed, abraded, cut or is experiencing or demonstrating an abnormal phenomenon, immediately stop all battery use and contact Manufacturer.
- Never dispose of batteries in the garbage. Disposal of batteries in the garbage is unlawful, in the United States, under state and federal environmental laws and regulations. Always take used batteries to your local battery-recycling center.

**DISCLAIMER:** This Battery is meant for use only in conjunction with the appropriate devices. Please consult your device packaging to determine whether this Battery is compatible with your particular device. Manufacturer is not responsible for any damages to any device incurred through the use of this product.

Manufacturer shall not in any way be liable to you or to any third party for any damages you or any third party may suffer as a result of use, intended or unintended, or misuse of this battery in conjunction with any device or accessory other than the appropriate device. Manufacturer will not be responsible for any damages you or any third party may suffer as a result of misuse of this battery as outlined above. If you are responsible for battery use with an unintended device and damages result from such use, you agree to indemnify Manufacturer for any resulting injuries to any third party or parties.

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.

**NOTE:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

1. Reorient or relocate the receiving antenna.
2. Increase the separation between the equipment and receiver.
3. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
4. Consult the dealer or an experienced technician for help

**CAUTION:** To comply with the limits of the Class B digital device, pursuant to Part 15 of the FCC Rules, this device is comply with Class B limits. All peripherals must be shielded and grounded. Operation with non-certified peripherals or non-shielded cables may results in interference to radio or reception.

**MODIFICATION:** Any changes or modifications not expressly approved by the grantee of this device could void the user's authority to operate the device.



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(Products or instructions may change without notice or obligation.)

Designed and intended for those 14 years of age and older.