

# User Manual

Product Name: Bluetooth powersocks set

Brand:



THERM-IC

## INSTRUCTIONS FOR USE

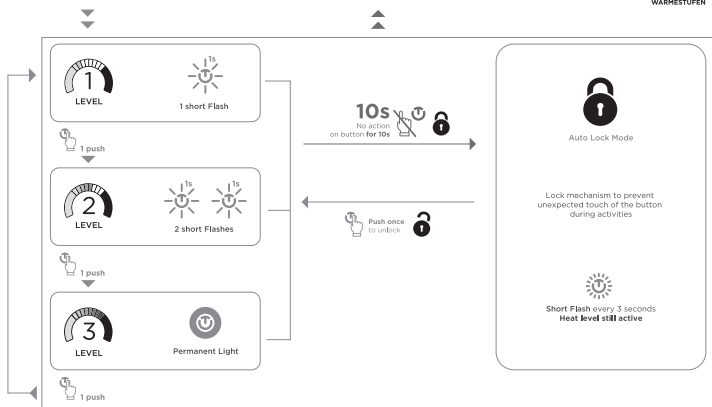
Model:C-PACK1300BLE,S-PACK1400BLE,  
S-PACK700BLE,C-PACK1700BLE

**ON**

Long push until permanent red light

**OFF**

Long push until permanent red light



Video



Manufacture: SIDAS SAS

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### STORAGE AND CARE OF LITHIUM-ION BATTERIES

*Charge fully prior to each use.*

*Storage:*

*1. Before storing the batteries, discharge them and charge them again (see instruction manual) - DON'T FULLY CHARGE.*

### INTRODUCTION

Congratulations on your purchase of a S-Pack battery. Please read the instructions for use carefully before operating the device. Please retain these instructions and pass them on to other users. The S-Pack battery supply energy for the Therm-ic heating socks.

### PACKAGE CONTENTS

Please verify the exact model name of your S-Pack battery.

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### **S-Pack 700**

- 2 S-Pack 700 battery pack (rechargeable)
- 1 USB S-Pack Therm-ic charging cable

### **S-Pack 1200**

- 2 S-Pack 1200 battery pack (rechargeable)
- 1 USB S-Pack Therm-ic charging cable

### **S-Pack 700 Bluetooth®**

- 2 S-Pack 700 Bluetooth® battery packs (rechargeable)
- 1 USB S-Pack Therm-ic charging cable

### **S-Pack 1400 Bluetooth®**

- 2 S-Pack 1400 Bluetooth® battery packs (rechargeable)
- 1 USB S-Pack Therm-ic charging cable

Optional: 1 wall plug universal charger adaptor with USB output 5V/2A Therm-ic (including country-specific adaptors).

Note: Some models are not available in certain countries.

Free Bluetooth® app: Only available on Android and iOS systems. Please download installed your Android app or iOS app, and follow instruction on App or refer to [www.therm-ic.com](http://www.therm-ic.com) for instructions.

### SAFETY PRECAUTIONS

General safety precautions:

- This device is not intended for use by persons (including children) with limited physical, sensory or mental abilities or without adequate experience and/or knowledge, unless they are supervised by or receive instructions on how to use the device from a person in charge of their safety.
- Children should be supervised to make sure that they are not using the device as a toy.
- If you have problems sensing hot or cold objects (e.g. diabetics, disabled persons etc.), please consult your doctor before using the unit.
- Check your feet regularly for reddening of the skin. Excessive heat levels over prolonged periods of time can lead to burns. Children may use the unit only under the supervision of adults.
- The device may not be used to warm animals.

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**IMPORTANT:** For recharging, only use the supplied USB S-Pack Therm-ic charging cable. Charging is optimized using Therm-ic wall plug universal charger adaptor 5V/2A (optional). It is designed for indoor use and may not be exposed to damp surroundings.

- Never try to open the battery packs! Improper handling of the lithium-ion batteries can lead to an explosion!
- Damaged batteries must no longer be used and must be disposed of immediately.
- If damage to charging cables or other parts of the unit is found, do not use the unit. Do not make any modifications to the unit or use it for any unintended purposes. Always have any repairs to the battery packs carried out by the manufacturer only. Damaged chargers or charging cables cannot be repaired. Dispose of the charger in accordance with local regulations at a collection site for electrical waste.
- If questions or problems arise, please get in touch with your dealer or the manufacturer ([www.thermic.com](http://www.thermic.com)).
- Do not throw S-Pack battery into an open fire, as there is a risk of explosion.

### DEVICE DESCRIPTION

#### **S-Pack battery**

- Snap fasteners for connection to the charging station and the heatable sock (1.1-3.2)
- Heat setting display 1 / 2 / 3 (1.2)
- Control button (1.3) (Instructions for use p3)

#### **USB charging cable**

- USB Charging cable unit (2.1)
- Charge indicator (2.2)
- Optional: wall plug universal charger adaptor with USB output 5V/2A Therm-ic (including country-specific adapters) (2.5)

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## TECHNICAL SPECIFICATIONS

USB wall plug universal charger* (incl. contry-specific adapters)	Input: 100V-240V - (50-60 Hz), max. 300 mA	Output: 5V / 2000 mA
USB charging cable **	Input: 5V max. 2000 mA	Output: 4.2V / 2000 mA
Battery 700	Output: 3.7 V / 1400 mAh	
Battery 1200	Output: 3.7V / 2400 mAh	
Battery 1400	Output: 3.7V / 2800 mAh	

\* Optional accessory from Therm-ic

\*\* available in retail locations or from Therm-ic

## FIRST USE AND CHARGING OF THE S-PACK BATTERY

### Important note:

The S-Pack battery must be charged before using them for the first time.

Preparing the USB wall plug universal charger (optional). Slide your country-specific adapter into the slot on the back of the charger until it locks in with an audible click.

### USB cable charging process:

1. Plug the USB cable into the USB port. The charge indicator (2.2) will light up green. Next, you plug the charging connectors of the cable into the batteries S-pack (2.4). Please check the illustration on the charger to ensure proper orientation. The S-Pack battery can be charged in any operating mode. The charging process will start automatically and the charge indicator (2.2) will light up in red during charging.
2. Once the S-Pack batteries are fully charged, the charging process is automatically concluded and

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the LED on the charge indicator (2.2) will switch back to green.

3. LED blinking on USB S-Pack charger between green and red when charge above 95%. LED stays green when fully charged.

4. Remove both S-Pack batteries from the charging shaft.

5. After the S-Pack batteries have been charged, they are automatically in POWER OFF mode.

### Important note:

- Recharge the S-Pack battery after each use. This extends the service life of the batteries and ensures that the device is always ready for use.
- The battery consists of lithium ion cells and can be charged in any state. For this reason, the battery does not need to be fully discharged before charging.
- When starting the charging process, the S-Pack battery can be in any operating mode (POWER OFF, IN USE)
- The full charging capacity of the S-Pack battery can only be conserved if the S-Pack battery are remo-

ved from the charging station after the charging procedure is complete.

### Charging times:

Battery	S-Pack 700	S-Pack 1200	S-Pack 1400
Charging time	-3h30	-5h00	-6h00

Note that at half time of the charging time mentioned on table above, the battery is already charged at around 75% of its maximum capacity (fast charging process). Lab test done using Therm-ic USB wall plug universal charger (optional).

### SAFETY FUNCTIONS

- Short circuit protection: If a short circuit occurs on the connector or heating element, the integrated electronic circuit switches off the S-Pack battery. After removal of the short circuit and brief insertion into the charging shaft, the S-Pack battery is ready for use again.

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- Protection against overcharging and exhaustive discharge: The S-Pack battery is protected against overcharging and exhaustive discharge by the integral electronic circuit during use.

### HOW TO USE THE POWERSOCK BATTERY

- Wear the heatable sock.
- Push the S-Pack battery on to the snap fasteners until they audibly lock into place (3.2).
- The S-Pack battery can be controlled with button (1.3) or with a iOS and Android app (only for S-Pack Bluetooth® enabled).

### IMPORTANT INSTRUCTIONS FOR USE

- Do not allow the highest heat level to be switched on for more than a few minutes at a time. This could produce too much heat during operation, which may cause burns.
- Always set S-Pack battery to low or moderate heat levels to maintain comfortable foot warming (heating should be almost undetectable).
- The optimum heat output is only reached when the socks, boots or soles are dry.

- Never used the heatable sock and the heatable insole together; this can result in too much heat - risk of burning!

### FUNCTION DESCRIPTION

#### **S-Pack without bluetooth®**

The S-Pack battery has 4 operating modes: POWER OFF - IN USE LEVELS 1-2-3. They are indicated with the heating level display on the S-Pack battery. The LED flashing modes corresponds to the selected heat setting.

#### **S-Pack with bluetooth®**

Using the phone App: Please refer to the Bluetooth® app or [www.therm-ic.com](http://www.therm-ic.com).

#### **Turning the device on:**

Press the control button (1.3) for a long period of time (approx. 3 sec) to turn on the S-Pack battery at the lowest heat level. If the control button is pressed for too long (approx. more than 6s), the S-Pack will remain in OFF mode.

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### Changing the heat setting:

- Press the control button briefly (approx. 1s) to switch to next heat settings (Level1, Level2, Level3, Level1...)
- Level1: A flash, lower heat settings.
- Level2: 2 flashes, moderate heat settings
- Level3: LED ON, higher heat settings.

### Lock mode:

If the control button is not pressed for approx. 10s, the control button is in lock mode. Press the control button briefly to unlock it. In lock mode the heat level selected is still active.

### Turning the device off:

- Press the control button for a longer period of time (3 seconds) (1.3) to turn off the S-Pack battery.
- The S-Pack battery switches into POWER OFF mode.
- No LED is illuminated on the heat setting display (1.2).
- The heat is off.

While changing the heat settings, be sure that LOCK

mode is not activated, else UNLOCK the system.

### Note:

Both S-Pack batteries can be used independently with different heat levels.

### HEAT LEVEL - HEATING PERIOD

The following table shows the heating period for the heat levels, which can be set using the control buttons.

Heat level	S-Pack 700	S-Pack 1200	S-Pack 1400
1	6-8 h	12-14 h	14-16 h
2	4-5 h	5h30-7h30	6-8 h
3	1h45-2h15	3h45-4h15	4h30-5h00

The heating period per charge depends on the selected heating level, the ambient temperature and the charging status as well as the age of the batteries. Therefore heating times are provided for information only and are not contractual.



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### MAINTENANCE STORAGE AND CARE OF THE S-PACK BATTERY

To ensure a long life, we recommend storing the S-Pack battery in a cool room (at temperatures ranging from 5°C / 41°F to 20°C / 68°F) in a semi-charged status. The S-Pack battery must be turned off (heat setting display (1.2)) dark) and disconnected from the sock and charger for storage.

For long-term storage, the S-Pack battery must be discharged and recharged half at least every 6 months (Charge for about 1/3rd of the time indicated on charging time table). This ensures that the maximum battery power is preserved for many years!

Clean the parts as needed with a soft, slightly damp cloth and a mild detergent.

**Caution:**

Always remove the charger from the outlet before cleaning it.

### DISPOSAL

- If the device can no longer be used, please dispose of it and its packaging in an environmentally-friendly way that is in accordance with current regulations.
- Do not throw the charger or the battery packs away with normal household trash. Instead, dispose of the parts at a collection site for electrical waste.
- Packaging materials are raw materials and can be recycled. For this reason, please recycle the packaging.
- Battery packs must be disposed of at intended collection sites.
- Please contact your local authority for more information.

### ACCESSORIES AND SPARE PARTS

When subsequently purchasing accessories or spare parts, please make sure to provide the exact Thermic model designation. Ideally, take the part to be replaced with you to your dealer.

We offer a number of accessories. All items (acces-

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sories and spare parts) are also available individually. More information can be found at [www.therm-ic.com](http://www.therm-ic.com) or from your specialist retailer.

Information subject to change.

This product complies with the relevant regulations and guidelines.



### GUARANTEE

As the manufacturer we guarantee for this product for a period of two years after the date of purchase. Within this guarantee period we will remedy any defects arising from faulty material or manufacture, free of charge, either by repairing or exchanging the device at our discretion.

The following are not included in the guarantee: damage caused by improper use; normal wear and tear with only minor impact on the value or usability of the device.

The guarantee becomes null and void if the device is tampered with by unauthorised bodies, or where other than original THERM-IC spare parts are used.

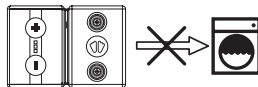
### WARNING

Ensure you remove the battery from sock before machine washing.

Washing your socks:



The batteries are not waterproof and will remain water-resistant for a limited time only.



FCC Caution.

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.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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:

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

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.