

SUREFOOT WINTERHEAT INSTRUCTION MANUAL

Table of Contents:

Introduction	6
Package contents	7
Safety precautions	7
Device description	8
Technical specifications	9
First use and charging of Winterheat battery	9
Safety functions	10
Use of Winterheat batteries	10
Important instructions for use	10
Function description	11
Heat level – heating period	12
Winterheat Bluetooth® synchronization	12
Winterheat care	12
Disposal	13
Accessories and spare parts	13
Guarantee	14

STORAGE AND CARE OF LITHIUM-ION BATTERIES

Charge fully prior to each use.

Storage:

1. Before storing the batteries, discharge them and charge them only to 50%.
 2. Turn off Winterheat battery and disconnect them from the charger and insole
 3. Store in a cool, dry environment at 5°C/41°F to 20°C/68°F
 4. Avoid longer periods of non-use. If the storage exceeds a longer period, repeat the procedure of discharging the batteries and charging them halfway again every 6 months!
- The proper storage of your battery will help to maximize its life and strength. For more information, please read the operating instructions!

INTRODUCTION

Congratulations on your purchase of a Winterheat batteries. Please read this instructions manual carefully before operating the device.
Please retain these instructions during ownership.

PACKAGE CONTENTS

WINTERHEAT 3400 Bluetooth®

- 2 WINTERHEAT 3400 Bluetooth® batteries
- 1 USB charger cable Surefoot Winterheat
- Free Bluetooth® app: Only available on Android and iOS

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 the time can lead to burns. Children may use the unit only under the supervision of adults.

- Cleaning and user maintenance shall not be made by children without supervision.
- It must only be supplied at SELV.
- The device may not be used to warm animals.

IMPORTANT: For recharging, only use the supplied USB Surefoot charging cable. Charging is optimized using Surefoot DC switching adaptor 5V/2A. 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 manufacturing 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 (see rear of envelope for address).
- Do not throw Winterheat battery into an open fire, as there is a risk explosion.

DEVICE DESCRIPTION

Winterheat battery

- Snap fasteners for connection to the charging station and the heated insole connector (1.1)
Heat setting display 1 / 2 / 3 (1.2)
- Control button (1.3) (Instructions for use p3)
- Metal attachment hook (1.4)
- Charging trap (1.5). Pull the clip to access to charging connector
- Charge indicator light (1.6)
- Charger cord with Winterheat plug (1.7)
- USB connector (1.8)
- Optional wall plug universal charger (1.9) (with adaptors for use in different countries).

TECHNICAL SPECIFICATIONS

USB charging cable	Input: 5V Max. 2000 mA	Output: 4.2V / 2000 mA
Winterheat 3400	Output : 3.7 V/ 3400 mAh	

FIRST USE AND CHARGING OF THE WINTERHEAT BATTERY

Important note:

The Winterheat battery must be charged before using them for the first time.

Preparing the USB power supply (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. Please ensure that the Winterheat is switch OFF while charging.
2. Plug the USB cable into the USB port. The charge indicator (1.6) will light up green. Lift up metal clip to access to charging trap. Next, you plug the charging connectors of the cable into the batteries (1.5 – 1.7). The charging process will start automatically and the charge indicator (1.6) will light up in red during charging.
3. Once the Winterheat batteries are fully charged, the charging process is automatically concluded and the LED on the charge indicator (1.6) will switch back to green.
4. Remove both Winterheat batteries from the charging connectors.

Important note:

- Recharge the Winterheat 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 Winterheat battery should be in POWER OFF mode.
- The full charging capacity of the Winterheat batteries can only be conserved if the Winterheat batteries are removed from the charging station after the charging station after the charging procedure is complete.

Charging times

Battery	Winterheat 3400
Charging time	~ 8h00

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 Surefoot 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 of the Winterheat battery. After removal of the short circuit and brief insertion into the charging shaft, the Winterheat battery is ready for use again.
- Protection against overcharging and exhaustive discharge: The Winterheat battery is protected against overcharging and exhaustive discharge by the integral electronic circuit during use.

HOW TO USE THE WINTERHEAT BATTERY

- When using the WINTERHEAT, connect the cord from the heated insole firmly to the WINTERHEAT.
- The Winterheat battery can be controlled with button (1.3) or with a iOS and Android app

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 Winterheat 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

Winterheat without Bluetooth®

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

Winterheat with Bluetooth®

Using the phone App

Turning the device on:

Press the control button (1.3) for a long period of time (approx. 3 sec) to turn on the Winterheat battery at the lowest heat level. If the control button is pressed for too

long period of time (approx. more than 6s), the Winterheat will remain OFF mode.

Turning the device off:

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

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.

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	Winterheat 1300	Winterheat 3400
1	11-13 hrs	15-17 hrs
2	5-7 hrs	7-9 hrs
3	3-4 hrs	4-5 hrs

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.

WINTERHEAT BLUETOOTH® SYNCHRONIZATION

Free Bluetooth® app: Only available on Android and iOS

MAINTENANCE AND CARE

To ensure a long life, we recommend storing the Winterheat battery in a cool room (at temperatures ranging from 5°C / 41°F to 20°C / 68°F) in a semi-charged status.

The Winterheat batter must be turned off (heat setting display (1.2) dark) and disconnected from the insoles and charger for storage.

For long-term storage, the Winterheat battery must be discharged and recharged half at least every 6 months (Charge for about 1/3rd of the time indicated on the charging time table).

This ensures that the maximum battery power is preserved for many years!

Cleaned 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 that 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 to provide the exact Surefoot model designation. Ideally, take the part to be replaced with you to your dealer.

We offer a number of accessories. All items (accessories and spare parts) are also available individually.

This product complies with the relevant regulations and guidelines.



GUARANTEE

As the manufacturer we guarantee for this product for a period of one year 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 unauthorized bodies, or where other than original Surefoot spare parts are used.