

# Therm-ic Supermax Powerpack instructions

## Package contents

- 2 Ni-MH battery packs (Supermax Powerpack) – rechargeable, with integrated heat level switches
- 1 Supermax Global Charger

## Safety Precautions

- 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 can lead to burns. Children should only use the unit under the supervision of adults.
- Powerpacks are water-resistant. If you have attached the Powerpacks to your shoes, the packs should always be connected to the heatable soles when outdoors (even if not switched on). This will prevent moisture and dirt from entering the connecting socket or plug. If water does enter the connectors, drain the Powerpack and let it dry.
- For recharging, only use the supplied Therm-ic Supermax Global Charge. It is designed for indoor use and may not be exposed to damp surrounding.
- Do not insert any metal or other object into connecting sockets or plugs as this could cause damage to the unit.
- As the contact pins on the Powerpack are also conductive even when disconnected, you must not store the Powerpack together with metallic objects (such as paperclips, aluminum foil, etc.).
- Do not use the unit if you discover any damage to connecting cables or other parts. Do not make any modifications to the unit or use it for any unintended purposes. Repairs to the unit or its connecting leads are only to be carried out by the manufacturer.
- If you have any questions or concerns, please contact your dealer or the manufacturer.
- Dispose of used Powerpacks properly.
- Do not throw the Powerpacks into an open fire, as there is a risk of explosion.

## Technical Data

Supermax Global Charge (available accessory from Therm-ic):

- Input: 100V-240V ~ (50 – 60 Hz), 400mA
- Output: 2 x 500mA

## First Use and Charging the Powerpacks

### Preparing the Charge:

Press the appropriate adapter into the slot on the back of the charger until it locks in with an audible click.

### Charging procedure:

Each Powerpack has an LED that shows the charge status (see table).

| LED      | Description                                 |
|----------|---|
| On       | Charging                                    |
| Blinking | Charging complete<br>(maintenance charging) |

First, connect the charger to the socket. Attach both Powerpacks to the charging cable. The switch must be at the “0” position. The charging process begins automatically (the corresponding LED turns on).

The Powerpacks are automatically monitored and turned off by the integrated electronics, regardless of the charge status. After successful charging (max. 4 – 5.5 hours), the Powerpacks are automatically switched to maintenance charging mode (the corresponding LED will blink).

In case of an error, the charging process is automatically stopped after 5.5 hours.

The batteries do not yield peak performance during the first use or after prolonged storage (during the summer months); peak performance is only achieved following a charging-discharging cycle:

- Charge batteries
- Discharge at the sole (heat level 3)
- Recharge batteries

(The batteries will then achieve their full performance potential again)

The Supermax charger may turn off prematurely during the first charging cycle after prolonged storage (without care) of the Powerpacks because the batteries are not yet capable of receiving the full charging energy. In this case, disconnect the Powerpack from the charger and reconnect it.

## Function Description

The Supermax Powerpacks have two operating modes: POWER OFF – IN USE

These modes are clearly indicated on the status display (red LED)

**POWER OFF:** The level switch is set to level “0”. The status display (red LED) remains off. The Powerpack is now completely switched off.

**IN USE:** The Powerpack is supplying the connected Therm-ic sole with power. Each Powerpack can be individually set to one of three different heat levels. The status display (red LED) turns on.

## Important Notes About The Use

- When using the heating element cable plug it into the Powerpack until it can be clearly felt to engage.
- When starting up, do not allow level 3 to be switched on longer than a few minutes in each case. Otherwise, too much heat can be producing during operation, which could lead to burns.
- Always set Powerpacks to level 1 or 2 to maintain a comfortable level of warmth for your feet (heating should be almost undetectable).
- The optimum heat output is reached when your shoes and soles are dry.

## Use and Functions

The desired heat level can be individually set for each Powerpack using the level switch (levels 1, 2, 3).

## Heating Power

| Level | Max temperature (°C/°F)* | Heating period per battery charge up to |
|-------|--------------------------|---|
| 1     | 37°C / 99°F              | 11 – 18 hours                           |
| 2     | 45°C / 113°F             | 5 – 7.5 hours                           |
| 3     | 70°C / 158°F             | 2.2 – 3 hours                           |

\*Measured directly on the heating element under laboratory conditions

The heating duration per charge depends on the selected heating level, the ambient temperature and the charging status as well as age of the batteries.

## Service, Storage and Care of the Powerpacks

To ensure a long life, we recommend storing the Powerpacks in a cool room (at temperatures ranging from 5°C / 20°F to 37°C / 68°F) in a fully charged status. The Powerpack must be turned off (level 0) and disconnected from the heating sole and charger for storage.

For prolonged storage, the batteries must be discharged at least every 6 months (heating level 3) and fully recharged. This ensures that the maximum battery power is preserved for many years!

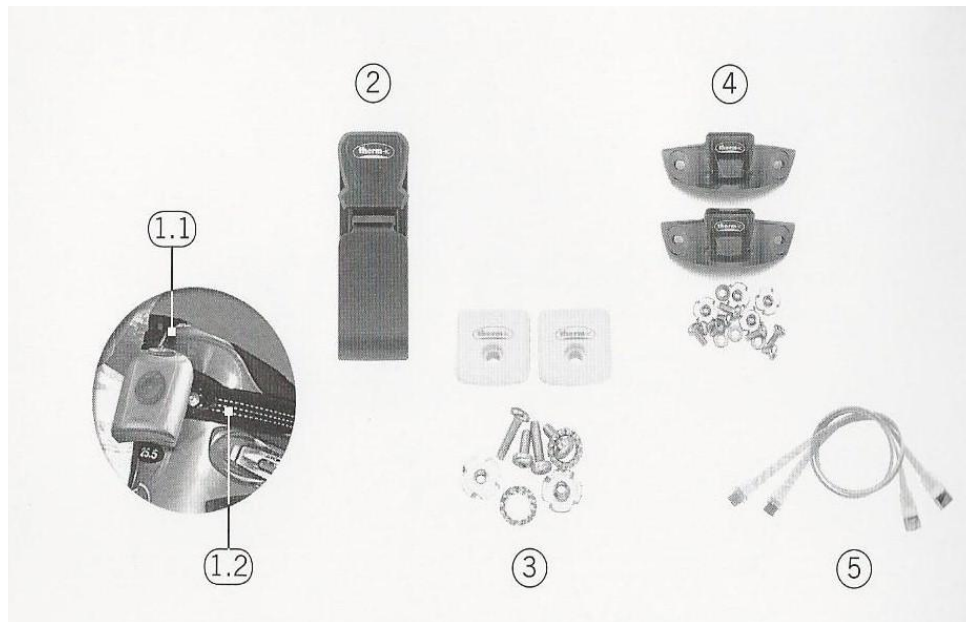
Attention: Always remove the charger from the outlet before cleaning it.

## Methods for Attaching the Powerpacks

Fix the Powerpack to the outer edge of the shoe with the wire clip (Fig.1.1). However, for long-term use we recommend one of the attachment options outlined below.

The Powerpacks can be attached as follows:

- Use the Therm-ic Velcro Strap to fix them to the shoe or lower leg (Fig. 1.2)
- Use the Therm-ic Power strap adapter to fix them directly onto the Velcro strap (picture 2)
- Use the Therm-ic ski boot adapter (Fig 3) or the Therm-ic Universal Powerpack Adapter to attach them to the boot (Fig 4)
- Place the Powerpacks into a jacket or trouser pocket by using the Therm-ic extision cable (available in 80 cm and 120 m lengths) or secure them to the hips (e.g. belt, etc) (5)
- Do not attach the Powerpacks to smooth, slippery surfaces where they could slip off and get lost.
- More information and to order parts to [www.AlpineAccessories.com](http://www.AlpineAccessories.com)



**How a battery is attaches to your boot.**

**#1- The back of every battery has a clip which attaches the battery to a shoe, ski boot, snowboard boot or work boot.**

**#2- The clip fits over the outer shell, then needs to be slid down until secure.**

The photo below is showing the battery before you push it down.



**Clip 1.1 & 1.2**



**Velcro Strap 1.2 & Adapter 2**

## **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 Supermax Powerpacks 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.

Batteries must be disposed of at intend collection sites.

Please contact your local public authorities for more information.

## **Accessories and Spare Parts**

When subsequently purchasing accessories or spare parts make sure to give the exact Therm-ic model designation. Ideally, take the part to be replaced with you to your dealer. Or send a photo to [sales@alpineaccessories.com](mailto:sales@alpineaccessories.com) with an explanation of the parts you require.

We offer a number of accessories. All articles (accessories and spare parts) are also available individually. Your dealer will be happy to advise you. More information can be found at [www.AlpineAccessories](http://www.AlpineAccessories).

Information is subject to change.

This product complies with the relevant regulations and guidelines.