

## CONFORTECK™ LITHIUM WITH TWO OUTPUTS INTEGRATED CONTROLLER



### INSTRUCTIONS AND SECURITY RULES

Please read this document entirely including directives and security warnings BEFORE using or recharging this product. Li-ion batteries are volatile. Failure to read and follow the instructions below may result in fire, personal injury and damage to property if charged or used improperly.

**Recharge:** Use specific charger only (Li-ion). Do not plug the battery to any other power source or cigarette lighter ("in car" jack). Follow directives and warnings for your security.

- Battery must be charged before first use. Battery may become a little warm and charger a little hot during charging procedures; this, however, poses no danger.
- The charging time may vary depending on the surrounding temperature.

(About 5 to 6 hours.)

- Plug the charger to a 115-Vac power outlet. The charger's LED will be green.
- Insert the charger's DC plug into one of the outputs of the battery. The LED of the charger and the LED of the battery will become red.
- When LED of the battery become green, the battery is recharged but the charger will continue charging cycle for some time (maybe one hour). The LED of the charger will start flashing from red to green and this will intensify until the LED is solid green.
- The charging cycle is now complete.
- At the end of the charging process, unplug the charger from the battery and from the AC outlet.

**Danger:** The temperature range over which the battery can be charged is 5°C to 35°C. Charging the battery at temperatures outside of this range may cause the battery to become hot or to break, even explode. Charging the battery outside of this temperature range may also harm the performance of the battery or reduce the battery's life expectancy. Never recharge a battery that is frozen or hot. Let the battery reach recommended temperature before recharge. Cease charging cycle if the battery is not completely recharged after 8 hours or if the battery become abnormally hot.

**Use/Discharge:** Use only with compatible ConforTeck™ equipment for a total draw of 3 amp maximum (36 Watts).

#### **Without equipment: Press and hold button to indicate remaining capacity**

- Red: 90% to 100%, battery is full
- Orange: 30% to 90%, mid-level, normal use
- Green: 0% to 30%, battery need to be recharged.

#### **With equipment: Press and hold the button to power ON. The default setting is maximum (100%). Press again to select needed power level:**

- Red: 100%
- Orange: 75%
- Green: 50%
- Flashing green: 25%

**Press one more time to power OFF, or simply unplug the equipment. See table for autonomy of the battery with different equipment.**

### HEATED INSOLES LITHIUM KIT

Cut out the insoles to the desired size. Do not cut in the shaded area. ConforTeck™ insoles are not designed to be worn in direct contact with the skin. You must install the felt between your boots and your feet. You must use socks to protect your feet.

Route the "Y" shaped wire in each trouser leg. Connect the soles. Connect the other end of the "Y" shaped wire into one of the outputs of the battery.

Clean the connections for a good contact. Check that wires are in good condition. If ice forms on your connections dry them. Check occasionally. The dielectric 06-DG1CC lubricant must be applied connections to prevent oxidation.

#### **Technical specifications**

- Operating Voltage: 10-14 Volts DC
- Power: 6 Watts per sole 12 Volts DC
- Power consumption: 0.5 Amperes per sole at 12 Volts DC
- Size cuttable with scissors to desired size

### HEATED LINER GLOVES LITHIUM KIT

The heating ConforTeck™ liners are made of stretchable polyester and are designed to be used inside your gloves or mittens. Heating elements in carbon fibre

Route the "Y" shaped wire in each sleeve of the jacket. Connect the liner. Connect the other end of the "Y" shaped wire into one of the outputs of the battery.

Clean the connections for a good contact. Check that wires are in good condition. If ice forms on your connections dry them. Check occasionally. The dielectric 06-DG1CC lubricant must be applied connections to prevent oxidation. **NEVER PUT CONFORTECK™ LINER GLOVES IN WASHING MACHINES OR TUMBLE DRYER.** Hand-wash and let it dry hanging at free air

#### **Technical specifications**

- Operating Voltage: 10-14 Volts DC
- Power: 7 Watts per heated liner glove to 12 Volts DC
- Power consumption: 0.6 Amperes per glove liner to 12 Volts DC
- Sizes: XS to XL

**Risk of burns if this product is not used as indicated by the manufacturer. On a regular basis, check the part of the body that is exposed to heat to avoid getting burn.**

### **Storage:**

Store battery in a dry place at temperature between 0°C and 35°C for best results. Do not expose the rechargeable battery to temperature under -20°C or above 60°C. Expose battery to temperatures under -20°C or above 60°C for extended periods of time may cause damage to battery and possible fire. It is recommended to recharge the battery before using it after a long time without utilization and at least once a year when not used.

Li-ion batteries have a cycle of operating life. Because batteries utilize a chemical reaction, battery performance will deteriorate over time even if stored for a long period of time without being used. In addition, if the various usage conditions such as charge, discharge, ambient temperature. Are not maintained within the specified ranges, the life expectancy of the battery may be shortened. If the battery cannot maintain a charge for long periods of time, even when it is charged correctly, this may indicate it is time to change the battery. Battery that lost more than 20% of initial capacity should be replaced. Do not attempt to continue charging such battery.

**Please recycle the battery! Go to <http://www.call2recycle.ca/> to find the location nearest you where to dispose of your battery safely.**

### **General warnings related to Li-ion batteries**

*Do not pierce the battery (nails, screw, drill, etc.), strike (hammer or other) or otherwise subject it to strong impacts or shocks. Do not throw or drop the battery on the ground. Do not disassemble or modify the battery. Do not place the battery in microwave ovens, high-pressure containers or on cookware. Do not place the battery in or near fire, on stoves or other high temperature locations. Do not allow the battery to get wet. Do not place the battery in direct sunlight or use or store the battery inside cars in hot weather. Avoid short circuit. Never use any damaged wire or equipment. Use specific charger only. When charging, please put the battery in a fireproof container. Do not leave the battery pack and charger on wood, carpet or other flammable materials. Do not recharge battery unattended. Do not use the battery in high static energy environment where the protection device can be damaged. In the event the battery leaks and the fluid get into one's eye, do not rub the eye. Rinse well with water and immediately seek medical care.*

*Immediately discontinue use of the battery if, while using, charging, or storing the battery or after an impact, the battery emits an unusual smell, feels hot, changes colour or shape, or appears abnormal in any other way. You must remove the battery for observation and place in a safe open area away from any combustible material for at least 15 minutes.*

*Must keep Li-Ion battery pack away from children and pets.*

### **Trouble shooting:**

This device is protected against overload and short circuit. If this protection does activate, it is very important to find and repair the problem or replace the equipment or the wire that caused the protection to activate. Do not continue using faulty equipment or wire.

- **The device is dead:** The protection of the device is probably activated. To reset, simply plug the battery to the charger (as to recharge) a few seconds.
- **Device power up but shut down shortly or the equipment don't heat much:** Battery is empty or the equipment have an intermittent problem.
- **When equipment is plugged and I try to power up the device, it shows a flashing colour code green, red and orange:** Device has detected a problem with the heated equipment. *Attention: do not use this heated equipment until the problem is repaired.*

### **Characteristics:**

#### **Battery:**

Volts: 12 Volts

Capacity: 5200 mAh

Max current: 3 Amp

Max Watts: 36 Watts

Power levels: 4 (25%-50%-75%-100%)

Storage temperature min/max: -20°C à 60°C.

Recharge temperature min/max: 5°C à 35°C.

Discharge temperature min/max: -10°C à 40°C.

Size: 2x7x14 cm

Weight: 320 g

#### **Charger:**

Output: 12.6 Volts

Current: 1000 mA

Input: 100-240Vac

Charging time: 5 to 7 hours

### **TABLE OF THE APPROXIMATE DURATION OF HOURS:**

Contrôleur à :	25%	50%	75%	100%
Heated insoles	30	15	10	7
Heated liner gloves	20	10	7	5
Heated vest	13	6,5	4,6	3,5
Insoles and liner gloves	12	6	4,2	3
Heated leather gloves	11	5,5	4,1	2,8
Heated jacket	7,5	3,6	2,5	1,75

Thank you for purchasing one of our ConforTeck™ products. Please read instructions carefully before starting operation.

TO VALIDATE AND OBTAIN THIS LIMITED WARRANTY, PLEASE FILL ONLINE WARRANTY CARD TO THE FOLLOWING ADDRESS: <http://eng.conforteck.com/warranty/>  
IF NOT, THE MANUFACTURER MAY REFUSE TO HONOUR THIS LIMITED WARRANTY.

## LIMITED WARRANTY

Your ConforTeck™ is covered by a **limited warranty of 1 year** from the date of purchase, subject to the provisions and exclusions set forth below, which covers all defects in materials or workmanship of ConforTeck™ products during the warranty period. This limited warranty is provided by ÉQUIPEMENTS CONFORTECK INC.

### Claims Procedure

In the event of a product defect, you must obtain a return merchandise authorization (RMA) number of our **customer service** either by email : [info2@conforteck.com](mailto:info2@conforteck.com) or by phone : **1877.977.3266**. Please have ready the serial number of the product. You must give a detailed description of the problem. Once your **personalized RMA number** obtained, please send us back to the product clearly identified with this RMA number at the address mentioned below with the **original purchase invoice within 10 days** after the issuance of the RMA number of our customer service. If the product is not properly identified as provided herein, it will be returned to the sender without any inspection or repair. **TRANSPORT COSTS ARE NOT COVERED BY THIS WARRANTY** and are at the sole expense of the purchaser/user.

### Exclusions

This warranty does not cover damages or failures resulting from **accident, neglect, misuse, improper installation, storage or use**, damages **caused by water** or resulting from a **lack of maintenance or improper maintenance**, or **use other than that for which the product was designed**.

This warranty does not cover any product whose **serial number or protective seal** has been **removed or damaged**, or a **product which has been modified** by the user. This warranty does not cover **scratches, tears, or discolouration** of the product, as well as **damage or loss resulting from or occurred during the transportation** of the product.

**In either of the above-mentioned situations, the warranty will become void.** ÉQUIPEMENTS CONFORTECK INC. reserves its right to inspect a product before fulfilling all or part of its obligations pursuant to this warranty.

This warranty **does not cover transportation costs**, which are at all times at the expense of the recipient of this warranty. To be covered by this warranty, the product must be transported in accordance with the claim procedure described herein.

This warranty is limited to the repair of the product, its replacement or refund of its purchase price, at the option of ÉQUIPEMENTS CONFORTECK INC. Any repair or replacement made under this warranty is itself guaranteed for the remaining term of the original warranty.

ÉQUIPEMENTS CONFORTECK INC. does not guarantee the spare parts availability or any repair services beyond the warranty period granted herein.

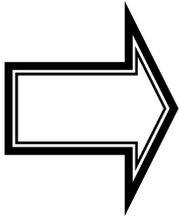
This warranty is EXCLUSIVE and is the only warranty provided in connection with the sale and use of ConforTeck™ products. ÉQUIPEMENTS CONFORTECK INC. EXPRESSLY EXCLUDES ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, CONTRACTUAL OR STATUTORY, INCLUDING WITHOUT LIMITATIONS ANY WARRANTY OF QUALITY OR FIT FOR A PARTICULAR PURPOSE, EXCEPT WHERE SUCH WARRANTIES CANNOT BE EXCLUDED AS A RESULT OF THE LAW.

### Other Conditions and Denial of Responsibility

The responsibility of ÉQUIPEMENTS CONFORTECK INC. is limited to this warranty and cannot in any case be more onerous than the selling price of the product. No information, advice or representation (oral or written) of ÉQUIPEMENTS CONFORTECK INC., its authorized service centres, dealers, agents or employees can modify this warranty or create a different one. In the event of any failure of the product, ÉQUIPEMENTS CONFORTECK INC. has no other obligations and the customer has no other recourse than those specified in this warranty.

Even in case of notice by the buyer/user of the possibility of damage, neither of ÉQUIPEMENTS CONFORTECK INC. nor anyone else involved in the development, production or distribution of ConforTeck™ products shall be liable for direct or indirect damage or injury, nor for exemplary or punitive damages. Some provinces do not allow the exclusion or limitation of such damages and this exclusion may not apply to your particular case.

This limited warranty gives you specific legal rights. You may also have other rights which vary from Province to Province.



**The safe use of ConforTeck™ products is on your sole responsibility. Please see instructions for more details.**

**CAUTION! ConforTeck™ products do not replace appropriate clothing.**

***This product can cause burns if not used according to the manufacturer's instructions. On a regular basis, check the part of the body that is exposed to the heat to avoid burns.***

**CAUTION! This product is not intended for young children. People with blood circulation problems or with diabetes, people who suffer from paralysis or who have any difficulties about perceiving the heat on their skin or unable to speak normally SHOULD NEVER use this product before consulting healthcare professionals.**

### Satisfaction Guaranteed

ÉQUIPEMENTS CONFORTECK INC. is committed to providing you top quality products. Our success is based on the total satisfaction of our customers. This is why ConforTeck™ products are covered by a satisfaction guarantee of 10 days from the date of purchase. If for any reason you are not satisfied with your purchase, contact us within 10 days to obtain a RMA number and return the product duly identified in mint condition, in its original packaging. Upon receipt, we will refund you the purchase price of the product, including taxes, less 20 % of handling and restocking fees. **Transportation costs shall be borne by the customer and are non-refundable. Any product shipped without RMA number will be returned to the sender at his own expense.** Different outlets and dealers are free to manage this guarantee of satisfaction at their own discretion.

Want more information about this warranty or about the utilization of our products? Feel free to contact our customer service!

**Please use the following address for your returns and make sure to use a prepaid and reliable courier) FedEx, Purolator, Canada Post, UPS, or others):**

**EQUIPEMENTS CONFORTECK INC  
2075 Sigouin Street, Drummondville, Qc J2C 6P8**