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Date	A	arranged	Modified page	Modification
02.11.2023	00	G.Kremer	all	First release

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Battery Packs

3 different type of lithium battery packs.

two type's with [Bluetooth Low Energy](#).

Both have same technology, the difference is only the capacity of the cell inside.



battery pack LZ-PPX-070

Model: LZ-PPX-070
Name: rcB2000
Brand: Lenz
Color: GREY (backside)



Technical Data

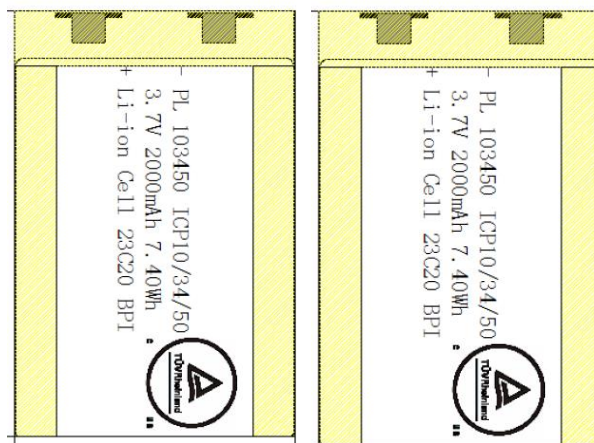
battery pack

Construction: 2 cell's in parallel
Nominal Voltage: 3.7V
Capacity Pack: 4000mAh
Energy: 14.8Wh
Designation: 1ICP7/34/50-2

Electronic/PCB: PPS Radio PCB Type 60 (Application & battery protection)
Bluetooth: YES, BLE

Cells used inside:

Qty: 2
Nominal Voltage: 3.7V
Capacity: 2000mAh
Energy: 7.4W
Dimension: 10.3mm x 34mm x 50mm
model: PL 103450P
designation: ICP10/34/50
technology: Li-ion polymer battery
Protection: PTC



Battery pack LZ-PPX-060

difference to model LZ-PPX-070, **marked in red.**

Model: LZ-PPX-**060**
Name: rcB**1400**
Brand: Lenz
Colour: BLACK(back side)



technical Data

battery pack

Construction: 2 cell's in parallel
Nominal Voltage: 3.7V
Capacity Pack: **2800mAh**
Energy: **10.36Wh**
Designation: 1ICP7/34/50-2

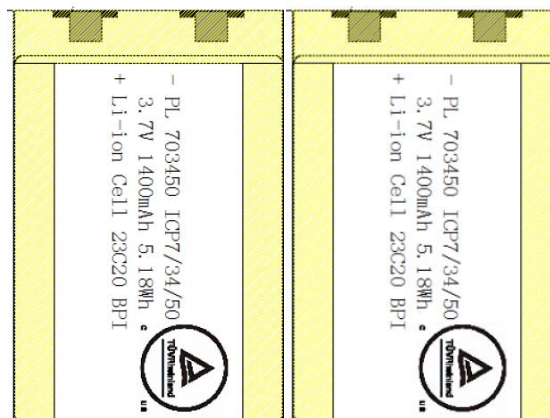
Electronic/PCB: PPS Radio PCB Type 60 (Application & battery protection)

Bluetooth: YES, BLE

Schematic: *PPS Radio PCB Type 60 V14 Schematic.pdf*

Cell used inside:

Qty: 2
Nominal Voltage: 3.7V
Capacity: **1400mAh**
Energy: **5.18W**
Dimension: 6.8mm x 34mm x 52.5mm
model: PL 703450
designation: ICP7/34/50
technology: Li-ion polymer battery
Protection: PTC



Application

Always 1 pair of this battery pack models, can be used to heat up compatible heated textile Products from Brand LENZ:

heating, for Heated lenz Products



Technical data, heating elements inside the textile products:

Heated Glove:	3.7V,	3.38W
Heated vest:	3.7V,	3.96W
Heated pant:	3.7V,	3.96W
Heated bandage:	3.7V,	3.96W
Heat pad:	3.7V,	3.96W
Heated sock:	3.7V,	1.69W

Charge Box LC-CBX-010

- The charge Box is supplied over USB Cord

The charging electronic (CC/CV) is inside the battery pack.

The Charging Input pins (+5V) of the battery pack, are connected inside the charge box.



USB Adapter:
the product is sold without an USB adapter.

How to control the battery packs for the heated cloth

A)

With the Push Button and the Led Indication (Heat Level) on the Battery Pack

rcB1400



rcB2000



B)

Over Bluetooth Low Energy with the Lenz heat APP

- Android version
- ios Version



SalesPackage

For example "rcB2000"

Content:

- 2 battery packs "rcB2000"
- 1 Charge Box
- 1 USB Cord
- Operating manual, rcB1400/2000



Existing Approvals

- **CB Test Report & Certificate for the used lithium single cells.**
IEC 6213
UL /CSA 62133
- **CB Test Report & Certificate for the lithium battery packs.**
IEC 62133-2
UL /CSA 62133
- **CE Approval for the complete Heating System**
Battery packs in combination with the main model of heated textile.
& all other heated textile models
SAFETY
EMC,
EMC Radio for Bluetooth models
ROHS
Batterie Directive
- **SIG Bluetooth Certificate & Listing**
for Bluetooth models, rcb 1400 & rcB2000
- **KC certification for one Product out of the complete Heating System**
Lithium pack rcB1400 & heated Sock
In progress
- **SRRC Registration for China for the lithium battery packs.**
rcb1400 & rcB2000
In progress