



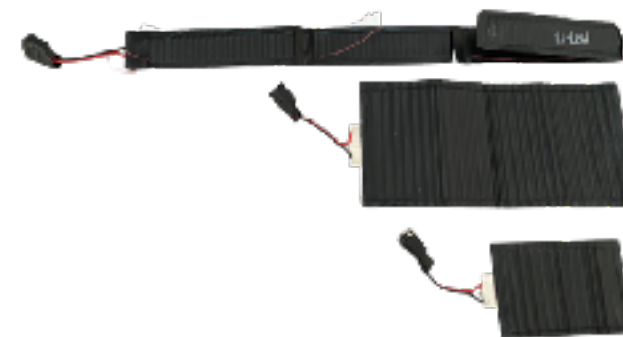
Proudly announces the development of the

**KC Power Belt**

2021

## The production launch of Flexible Lithium Batteries

In 2021 we have established partnerships for the development and production of a flexible lithium batteries. We have successfully completed rigorous mechanical and safety tests of this new technology. We are now able to offer our customers further inventions which were not possible in the past.



2021

## The idea of the Powerbelt was born

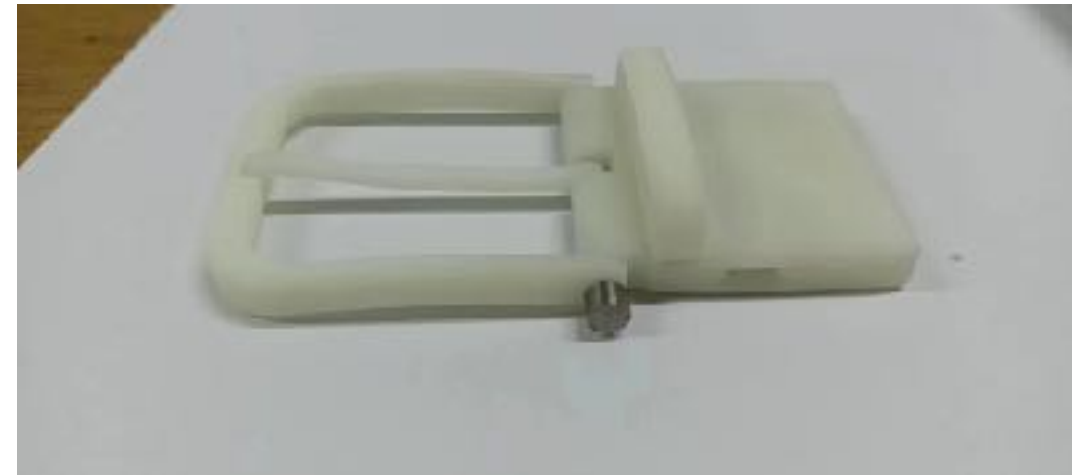
We immediately started our work on the development of a vision we have had since several years already, the “KC Powerbelt”. With flexible lithium batteries this became possible. Using the full length of the belt, the projected capacity was 2000 mAh, enough to fully re-charge a medium sized smartphone.



2022

## Development of the KC Powerbelt

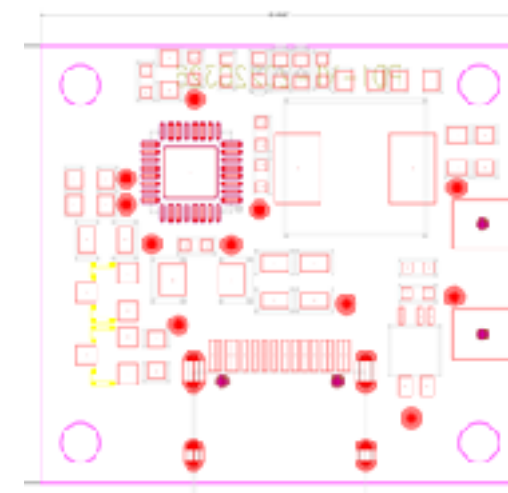
We assembled a team of engineers from different fields, all working together to make this invention possible. This included Mechanical, Electronic, Leather sampling, Battery Lab, Project and Production process engineers. With 3D printing, a mould was created and a special power management system was developed, for maximum efficiency and total safety.



2022

## Development of the KC Powerbelt

The flexible lithium battery cells were integrated into the full length of the belt, and the belt buckle was equipped with indicator lights and a Type-C input and output port.



2022

## Development of the KC Powerbelt

In June 2022, we now proudly announce the completion of this invention. We are ready for customized production and full CE, FCC and RoHS safety testing of each final product. Consumers can now have a battery capacity of 2000 mAh with them at all times, to recharge devices while these are conveniently placed in trouser pockets.





2023

## Future Developments

In the coming year, further developments will follow. Now that we have flexible power integrated into a belt, we can also use this power for other innovative functions. We are already exploring the addition of sensors for the detection of harmful gases, GPS tracking devices, as well as touchscreens.





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