

# WIRELESS CHARGING POCKET

Patent Pending



KC  
KUTNER & CINEA

WEARABLE TECHNOLOGIES



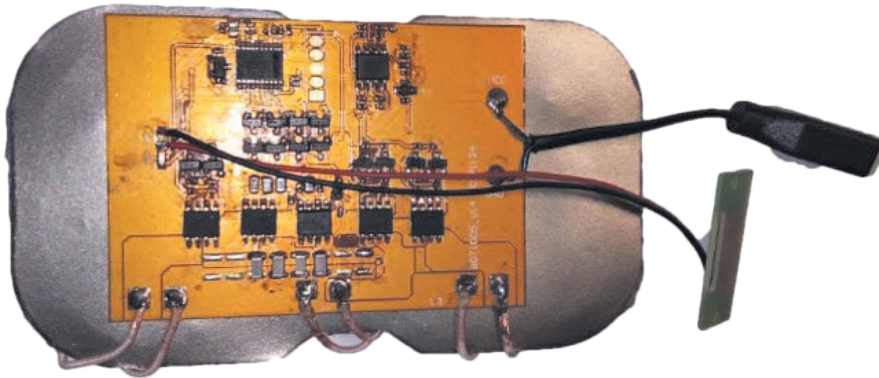


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# Inductive Coil

A device was designed which combines a controller chip on one side with inductive coils on the reverse side.



Triple Coil with LED light



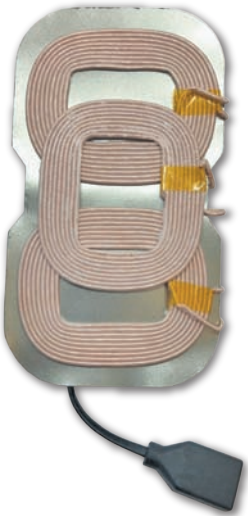
Triple Coil simple

Optionally an LED light is attached to the controlling chip which can be used to let the consumer know that inductive charging is in progress.



## Sealing versions

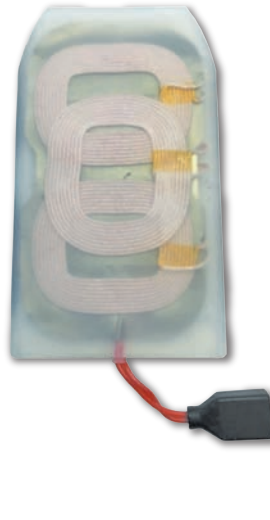
With various nano technologies the device was sealed to achieve full dry-cleanability. In addition a silicone cover was added to increase durability.



Unsealed



Single sealed



Double sealed



Fabric covered



Colour sealed





## Elastic Pocket

The sealed device is then integrated in the back of an elastic pocket which has the elasticity and recovery needed to adjust to different phone sizes.



Small Smartphone



Large Smartphone



## Silver backing

On the back a shielding textile product is used to block electromagnetic waves from reaching the body. With metallized Polyamide yarns the products achieve a shielding effectiveness of over 99% yet they are light and beautifully soft.



EMR blocking silver fabric

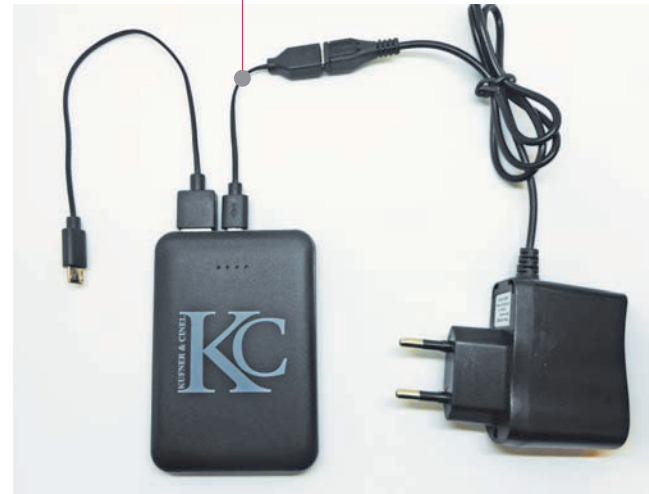


## Powerbank charging

The wireless charging pocket is connected to a separate powerbank pocket. The powerbank can be removed from the pocket for daily charging, or an extension cable can be used to charge the powerbank while it is still in the powerbank pocket.



Extension cable

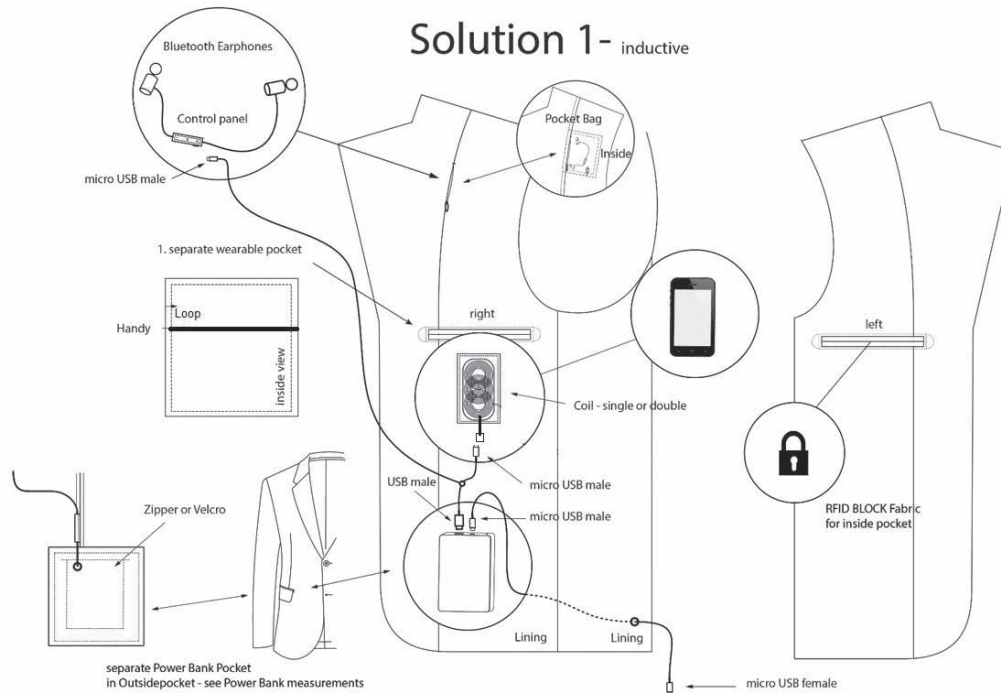






# Design example

The powerbank, which supplies the inductive charging pocket, can further serve to integrate and charge further accessories like Bluetooth earphones, earbuds, heating systems or smart glasses. Specially developed split cables make this possible.





## Accessories

As a full package supplier, KC has established a wide range of suitable powerbanks and other electronic accessories which are competitively sourced directly from manufacturers and most of which can be individually branded for fashion brands with prints and engravings.







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