



## **Wireless Charging Coils**

Elec & Eltek's wireless charging coils allow powerto be transferred without a physical link by inductive coupling. They offer a range of charging coils which meet the WPC Coil requirements and therefore comply with the Qi standard of wireless power transfer.

Elec & Eltek are able to offer both transmit and receive coils in a variety of shapes and sizes according a required specification, but can also provide a range of off the shelf coils as well.



Developed by the Wireless Power Consortium, "Qi" is an open interface standard that defines wireless power transfer using inductive charging over distances of up to 4 cm. A Qi-based wireless charging system uses resonant inductive coupling to enable a charging pad to transfer power to a compatible device when it is placed on top of the pad.

## Features

- Designed for portable electronic devices
- Meet WPC Coil requirements
- RoHS and REACH compliant
- High efficiency
- Safe and reliable
- Available in custom shapes and sizes

## Applications

- Wireless charging pads
- Portable devices
  - Particularly devices with waterproof/dustproof requirements
- Smart watches and Fitness Trackers
- Smart sensors



## Wireless Power System