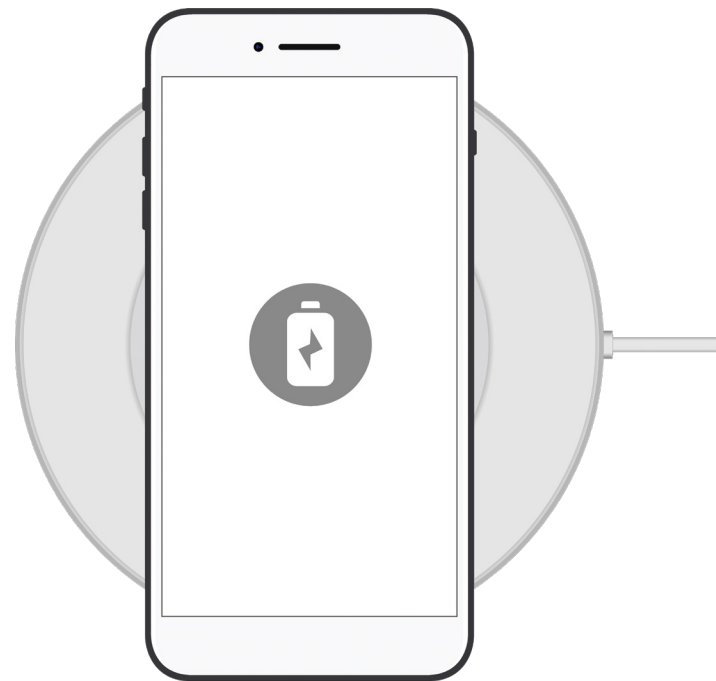


HOW DOES WIRELESS CHARGING WORK?

Wireless charging products utilize the basic principle of inductive charging. Inductive charging works when an electromagnetic coil, the induction coil in a charging base, creates a magnetic field and transmits a field of energy. A second smaller coil in the smartphone - or other device - receives and uses the energy. The device's circuitry converts this energy to recharge the battery. In recent years, wireless charging technology has come a long way in regards to charging speeds and unified standards so that the charger can be used with various device brands and models. The wireless charging standard for personal devices is known as Qi.

Qi is an open interface standard that defines wireless power transfer that uses inductive charging over distances of up to 4 centimeters. The system uses a charging pad and a compatible device, which is placed on top of the pad, charging via resonant inductive coupling. Both the charger and the device that needs to be charged need to be Qi certified to provide the user with the most effective, efficient charging experience.



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