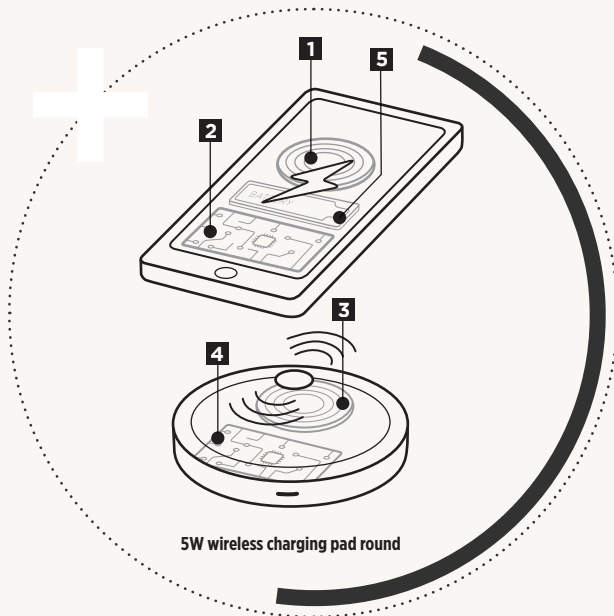


WIRELESS CHARGING

→ HOW DOES IT WORK?



- 1 Mains voltage is converted into high frequency alternating current (AC)
- 2 The alternating current is sent to the transmitter coil by the transmitter circuit.
- 3 Alternating current flowing within the transmitter coil creates a magnetic field which extends to the receiver coil (when within a specified distance.)
- 4 The magnetic field generates current within the receiver coil of the device.
- 5 Current flowing within the receiver coil is converted into direct current (DC) by the receiver circuit, thus charging the battery of the device.

↓ 3 COIL CHARGING

Adding extra charging coils in a charger makes it even more convenient to charge your mobile device as it will add an extra charging area to the charger. The charger will make the induction very easy and efficient with your mobile device making it an even better wireless charging experience.

→ FAST CHARGING VS. NORMAL CHARGING

In the market there are various types of chargers. The main difference is the output indicated in W. The common wireless outputs are 5W, 10W and 15W. Most mobile devices support 5W charging but the newest generation support 7.5/10W. The higher the W the faster your phone will charge. When using a fast charger your phone will indicate on the screen it's enabled for fast charging.

Fast charge is supported by:

- Samsung S9, S9 Plus
- Samsung Galaxy S7 & S7 Edge
- Samsung Galaxy S6, Galaxy S6 Edge & Galaxy S6 Edge Plus
- Samsung Galaxy Note 5
- LG G4
- Nexus 6
- Moto Droid Turbo
- Nexus 5/7(2013)/4
- Nokia Lumia 1020/920/928
- iPhone 8, 8 Plus & X
- Sony Xperia XZ2

Fast

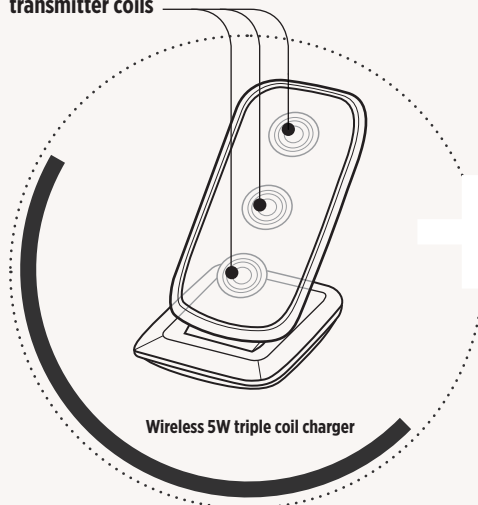


1.4 x faster

Normal



3 transmitter coils



Wireless 5W triple coil charger

SAFETY FIRST



→ ALL OUR CHARGERS HAVE:



Overcharge protection

Overcharge protection makes sure your device is only charged when the device is requesting energy. When the battery is fully charged our chargers will immediately stop charging.



Over-current protection

Makes sure that your device only received its optimal charging current. In case of a power surge or even lightning strike the protection will make sure you and your mobile device stay safe.



Short circuit protection

Makes sure that in case of a short circuit the device is shut down.



Foreign object detection

All our wireless chargers have built-in FOD (foreign object detection) to make sure that the wireless charger will only charge your mobile device. Bad quality chargers are unable to detect other metal objects like pens or coins. This could lead to permanent damage to the wireless chargers, the object end potentially the user.



Temperature control

All our wireless chargers have temperature control built in to make sure the device does not overheat while charging.



Durable A grade components

All our chargers are made with A-grade components. The casing is made out of virgin materials to meet all European standards.

The PCBA is designed to ensure you a smooth and worry free wireless charging experience. Not only do these chargers have a better quality and safety, they also last longer ensuring a much longer usage of the item.



A standby current of maximum 0.3W when not in use

All our wireless chargers have a low power consumption when not in use. Low quality chargers consume up to twice as much energy when not in use, harming your energy bill and even more important, our environment.



All our wireless chargers are tested by official institutes for CE and therefore comply with the strict regulations set within the EU.

RoHS

All our wireless chargers are tested by official institutes to check they are manufactured according to the ROHS regulation and avoid items with high contents of chemicals entering the EU. We perform additional tests on each production for extra security.

Ask for our full version of our wireless charging factsheet!

