



Wireless Power Consortium and Qi Backgrounder

Overview:

Founded in 2008, the Wireless Power Consortium is backed by 650+ leading companies that support the Qi (pronounced “chee”) wireless charging standard. These companies represent a diverse range of industries including mobile and consumer electronics, semiconductors, magnetics, contract design and manufacturing groups, wireless operators, furniture and automotive manufacturers. The WPC is open to everyone worldwide and its member companies are based in nearly 30 different countries. WPC members collaborate to continually evolve the Qi standard to ensure safety, interoperability, ease of use and low cost.

Qi wireless power is designed to power the consumers’ daily journey. Today, there are Qi-Certified products used by consumers at home, in cars, at the office and on the go at restaurants, hotels, travel lounges, buses and trains. The WPC’s vision is that consumers can charge their Qi-Certified mobile device anywhere and anytime eliminating battery anxiety.

Qi-Certified devices and wireless chargers have been thoroughly tested for safety, reliability and compatibility with all other Qi products for a seamless, satisfying wireless charging experience. Qi-Certified products have passed rigorous tests for safety, interoperability and usability. Only products that pass testing by a WPC-authorized lab can be registered in the [Qi-Certified Product Database](#). The database lists all products allowed to carry the Qi logo, so retailers and consumers can purchase products with confidence.

Qi: the global standard for consumer electronics wireless charging

- Qi is an established, evolving global wireless charging standard that supports closely and loosely coupled power transfer, while ensuring full backward compatibility with all Qi devices.
- Based on the latest approved specification, Qi is capable of safely and efficiently scaling from less than 1 watt to up to 15 watts of power. Qi fully supports the capability to charge multiple devices at once with full spatial freedom.

The thriving Qi ecosystem

- Qi has a global installed base of 500+ million devices and the adoption will continue to grow.
- All of the top smartphone manufacturers worldwide all offer Qi-Certified handsets, allowing the install base of Qi-Certified receivers to grow and demand for public installations of Qi-Certified transmitters to expand rapidly.
- There are more than 3,000 Qi certified products on the market, including more than 2,600 transmitters/charging products and associated enterprise services.
- More than 650 WPC member companies in nearly 30 countries are designing and creating Qi products offered worldwide. Member brands include Apple, ASUS, Belkin, Bosch, Dell, Google, Haier, Huawei, IKEA, Lenovo/Motorola LG, Logitech, mophie, Panasonic, Philips, Samsung and Sony, among many others.
- A worldwide network of WPC-authorized certification labs ensures that products bearing the Qi logo are always backward compatible and interoperable.

Qi: Powering the consumer journey in cars, hotels, restaurants, airports and a range of public spaces

- More than 120 car models now offer Qi charging, including models produced by: Acura, Audi, BMW, Buick, Cadillac, Chevrolet, Chrysler, Dodge, Ford, GMC, Honda, Hyundai, Jeep, Land Rover, Kia, Lexus, Mercedes-Benz, Nissan, Peugeot, SsangYong Chairman (South Korea) Toyota and Volkswagen.
- With the rollout of Qi in restaurants, hotels and airport lounges, buses and trains, the entire travel experience could be supported by wireless charging.

- With thousands of public Qi charging locations globally, we will continue to see Qi become pervasive. Already, consumers are finding convenient ways to charge at restaurants such as McDonald's and Starbucks; hotels such as Marriott and Ibis Hotels; airport locations at London Heathrow along with Emerites and Virgin lounges, and in transport in the UK with Southwest Rail.

New standards power a wireless world

- New standards aimed at higher power requirements will create new wireless power applications, including kitchen appliances, power tools, drones, robots, laptops and more.
- The evolving medium power standard addresses power needs for small consumer appliances up to 65 watts, including laptops, vacuum cleaners, home robots, e-bikes, portable power tools and more. This standard is currently in development by WPC members.
- The new kitchen standard provides 200-2,400 watts of power to kitchen appliances, from cooktops to instant pots and rice cookers to coffee makers. Transmitters mounted under a kitchen counter or tabletop provide wireless power to these appliances, creating a more versatile kitchen and enabling new smart cooking platforms. These surfaces are waterproof for easy clean-up.

Important links:

Twitter: <https://twitter.com/qipower>

Facebook: <https://www.facebook.com/PowerByQi>

YouTube: <https://www.youtube.com/PowerByQi>

LinkedIn: <https://www.linkedin.com/company/the-wireless-power-consortium>

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