

About Product

OTTA Qubi-WPB2 is a device combined both mobile power bank and wireless charging functions together as a new tech trend product

End user is easily to re-charge their mobile phone through wired or wireless method to extend their mobile phone battery life.

About Qi

Qi is a global standard that makes wireless charging possible for your device. With a Qi-compatible device (Or used Qubi-WPB2 embedded Qi-compatible receiver connected to device), you don't need to connect any cables. You just place your device on the wireless charging area surface. Qi works using magnetic induction, and is currently designed for devices that use 5watts of power or less, such as mobile phones. Qi chargers and devices use the same frequency, so as long as their active areas are touching, all Qi products are compatible, regardless of manufacturer or brand.

Operation Description

Wireless Charging

1. **Operation Frequency 110kHz ~ 205kHz.**
2. **Push power bottom of Qubi-WPB2 to start embedded wireless charger transmitter operating. At the beginning of transmitter operating, transmitter operate at ping-phase, transmitter apply power signal at operating point . And if transmitter does not detect the start of a Packet within 70mS, transmitter will remove power signal automatically.**
3. **While Transmitter received the signal strength of Packet, it will process identification & configuration phase of power transfer, maintain the power signal operated frequency swing between 110KHz ~ 205KHz depend on load demand.**
4. **If transmitter does not correctly receive Packet during identification & configuration phase within 90mS; or transmitter received “End Power Transfer Packet”; Transmitter will remove power signal automatically.**
5. **During charging device, Qubi-WPB2 will light up color LED to indicate battery capacity, user can identify capacity through LED lighting color.**

USB Charging

Qubi-WPB2 has build-in automatically USB port plug-in detection function. User can easily use power bank function by plug-in USB cable connected with charging device.

Charging Power Bank

Qubi-WPB2 has build-in smart charging function to adopt different 5V charging sources (Computer USB port, Wall Charger, Car Charger.....; 5V output device.

While plug-in 5V source through MicroUSB port of Power bank; the charging function will draw power as high as possible till input 5V drop to 4.6V(calculated the wire loss), and maintain this highest current drawing to charge power bank.