

Product	5W 1A 2USB Wireless Charger-BK
Tested Model	BY-OP-CP-150-BK
Frequency Range	110 kHz-205kHz
Antenna Specification	Coil

- **Product Specification**

Power Input: 5V ===2A

Output(USB A/B): 5V ===0.5A

Wireless output power <5W

Indicator LED

- **USB PORT:**

This usb port is only used for charging. There is no circuit that could communication with class B PC or laptop etc.

KDB 680106 D01 RF Exposure Wireless Charging Apps v03

Inductive wireless power transfer applications that meet all of the following requirements are excluded from submitting an RF exposure evaluation.

1) Power transfer frequency is less than 1 MHz

Re: Yes, the frequency is 0.110-0.205MHz.

2) Output power from each primary coil is less than or equal to 15 watts

Re: Yes, max output power is less than 5 watts.

3) The transfer system includes only single primary and secondary coils. This includes charging systems that may have multiple primary coils and clients that are able to detect and allow coupling only between individual pairs of coils

Re: Yes.

4) Client device is inserted in or placed directly in contact with the transmitter

Re: Yes.

5) Mobile exposure conditions only (portable exposure conditions are not covered by this exclusion).

Re: Yes, see MPE report.

6) The aggregate H-field strengths at 15 cm surrounding the device and 20 cm above the top surface from all simultaneous transmitting coils are demonstrated to be less than 50% of the MPE limit.

Re: Yes, see MPE report.

Using the include micro cable connect to a computer or wall charger(sold separately) to enable wireless charging. The LED will show green when it's connected successfully. Confirm that your device has a built in Qi receiver or insert a Qi wireless receiver before charging. Place your Qi enabled device in the center of the charging pad, The LED light will show red when it's charging. When the device is fully charged the LED will show green.

The main IC is HT1889-SOP/14 and LM358

Function:

- 1) Input: DC 5V from USB port
- 2) Output: max 5W for mobile phone, max 2.5W for USB A or USB B;
- 3) Compatible to wireless charging enabled devices;
- 4) Devices that require wireless charging compatible receivers;
- 6) Wireless distance: 3-6mm
- 7) Conversion Efficiency: $\geq 60\%$