1、Product function

1. 1 Introduction of wireless charging function

The product could achieve short-range radio transmission by magnetic induction, Using regulate voltage working mode, applicable to charging for digital products of 5V 1A, communications, furniture, fire protection, water proof and other digital products, this product meets Qi wireless charging standard, compatible with all Qi enabled devices, and support fast wireless charging.

This product has wide operating voltage (DC 5V-9V) which can adapt to most USB A adapter and QC2.0/QC3.0 adapter.

How to use: Connect the adapter through Type-C cable(standard cable). It maximum support 5W loads under normal charging mode when connect to 5V output adapter. And it can achieve 7.5W fast wireless charging mode for iphone8/iphone8Plus/iphone x iphone XS iphone XS Max and maximum support 10W loads when connect to QC2.0/QC3.0 adapter.

1. 2 Transmitter pad indicator light working description

Power on: The white light indicator flashes three times . then enter into standby mode.
Standby: The white light indicator for a long time.

Charging: The white light indicator flashes thirty times and then went out, remove the receiver, enter into standby mode.

FOD：The white light keeps flashing fast

2、Receiver location hints

Tips: The greater deviation distance, The lower charging efficiency

If the receiver coil of phone offset transmitter coil position allowed distance (±5mm),the transmitter will not work. It need to put the phone in the correct position and the device will re-enter the charging status.

3、Basic Performance Parameters

3.1 Transmitter input voltage/current: DC5V/2A、9V/1.67A、

3.2 Output voltage/output current: 5V/1A、7.5V/1A、9V/1A

3.3 Transmitter standby input current(no load): ≤45-60mA

3.4 Transmitter limited input current: DC5V/1.8-1.9A or DC9V/1.4-1.5A

3.5 Conversion Efficiency (full load)：≥76%

3.6 10W Working Frequency: frequency conversion 115 KHz -205 KHz

3.7 7.5W Working Frequency：115 KHz -205 KHz

3.8 Ripple & Noise：≤200mVp_p

3.9 Working temperature：0-40℃

4.0 Relative humidity：10%~80%

Federal Communications Commission (FCC) Statement:

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and
(2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
-Reorient or relocate the receiving antenna.
-Increase the separation between the equipment and receiver.
-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
-Consult the dealer or an experienced radio/TV technician for help.

Warning: Changes or modifications made to this device not expressly approved by Shenzhen Powerqi Technology Co.,Ltd may void the FCC authorization to operate this device.

Note: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user’s authority to operate the equipment.