

General Description

The WCB-68 wireless charging device has a built-in wireless charging chip and wireless charging with a maximum of 10W via the A11 coil. 12V/24V power supply is supported.

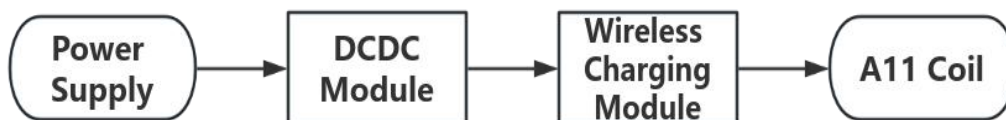
Features

1. A11 coil is supported
2. Support up to 10W wireless charging
3. Support FOD foreign body detection
4. NTC overheating protection

Application

Charge devices with wireless charging capabilities

Block Diagram



Pin definition

	Signals	Description
Power Supply	V	12V/24V power supply positive
	G	12V/24V power supply negative

Absolute Maximum Ratings

Power Supply 12V/24V..... ≤36V

Recommended Operating Conditions

	Min	Typ	Max	Unit
Power Supply	10	12/24	36	V

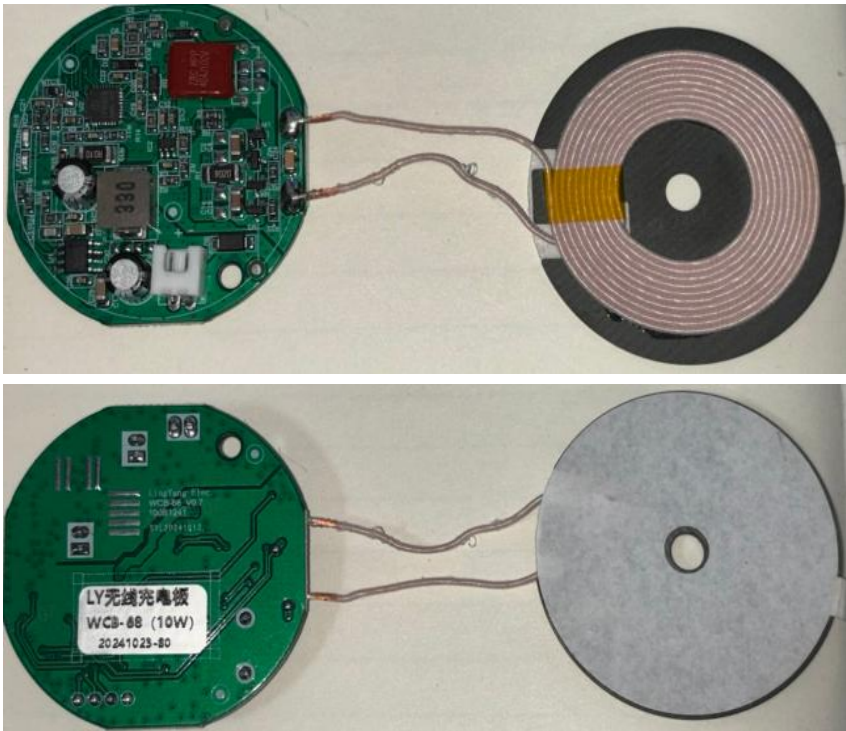
Instructions

There is a white 2.54-2P port on the device, with a silk screen "+" and "-" on the front of the port, representing 12V/24V and GND respectively. After the power supply, the red and green light flash three times, and then the green light is steady on, and then you can start charging.

Precautions

- 1. Do not reverse connect the positive and negative power supplies; otherwise, internal components may be damaged.
- 2. Peripheral devices are used near typical values to avoid problems such as heating and shorten the service life of the product.

Appearance



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 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.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC Radiation Exposure Statement

This device complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

This device must operate with a minimum distance of 20 cm between the radiator and user body.