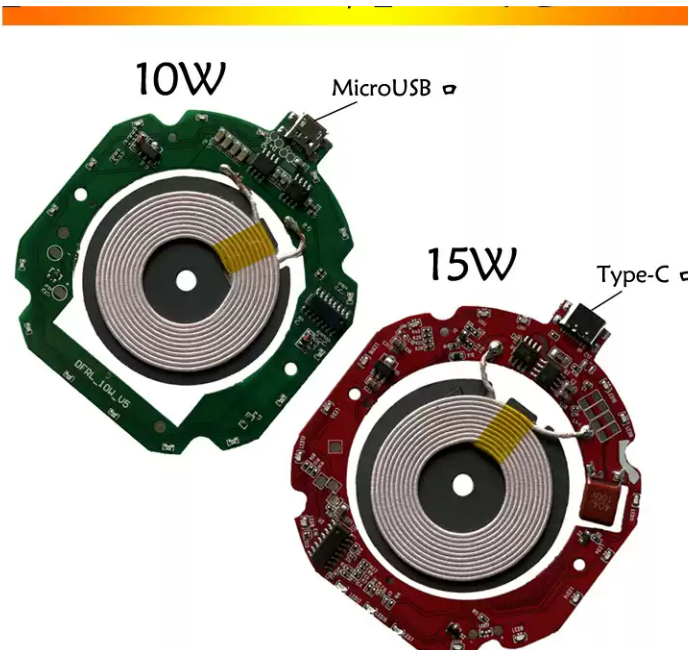


10W / 15W High-Power Wireless Charging Module

Integrated transmitter PCBA and coil with Micro-USB 10W and USB Type-C 15W variants

10W / 15W HIGH-POWER WIRELESS CHARGING MODULE



Two power options in a common mechanical platform

The supplied product family combines the wireless charging coil and control electronics on one compact board. A 10W Micro-USB version and a 15W USB Type-C version are shown, with the same general external form factor.

The uploaded package contains four product images and no webpage/HTML file. This datasheet uses only information visible in those images. Unsupported values remain TBD.

1. Functional Description

The 10W / 15W High-Power Wireless Charging Module is a transmitter assembly for OEM integration. The receiver-facing coil is integrated inside the controller-board outline, reducing the number of separate mechanical parts. The source identifies a 10W version using Micro-USB and a 15W version using USB Type-C. Both variants are presented as sharing the same general appearance and size while differing in connector and rated power.

2. Key Features

Power variants	10W and 15W versions.
Connector variants	10W: Micro-USB; 15W: USB Type-C.
Integrated construction	Wireless transmitter coil is integrated with the controller PCBA.
Coil diameter	50 mm, explicitly shown in the dimensional drawing.
PCB envelope	Approx. 74.2 mm wide x 84.4 mm high, based on source drawing.
Finished charger option	98 x 98 x 6.5 mm finished charging pad/enclosure shown in source.
Charging gap	≤ 8 mm for the finished charger configuration.
Backward compatibility	15W finished charger is stated to support 10W and 5W modes.

3. Electrical Characteristics

10W module rated power	10 W.
15W module rated power	15 W.
Finished charger input	5V-2A / 9V-2A / 12V-2A.
Finished charger output support	15W fast charging; backward compatible with 10W / 5W.
15W compatibility note	15W charging requires a receiving device that supports 15W wireless charging.
Charging distance	≤ 8 mm.
Operating frequency / efficiency	TBD - not stated in supplied material.
Protection functions	TBD - FOD, thermal, overcurrent and overvoltage behavior not specified.

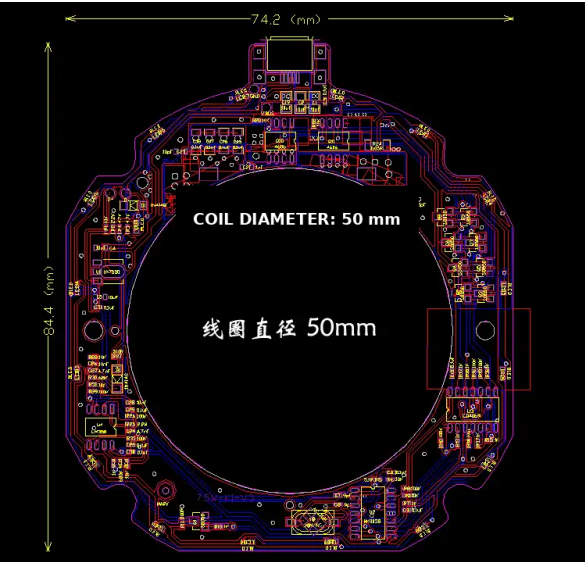
4. Mechanical Specifications

PCB width	74.2 mm.
PCB height	84.4 mm.
Coil diameter	50 mm.
Finished charger size	98 x 98 x 6.5 mm.
Charging cable	1 m cable included with finished charger.
Finished charger colors	Black / White.
Module thickness	TBD.
Weight	TBD.

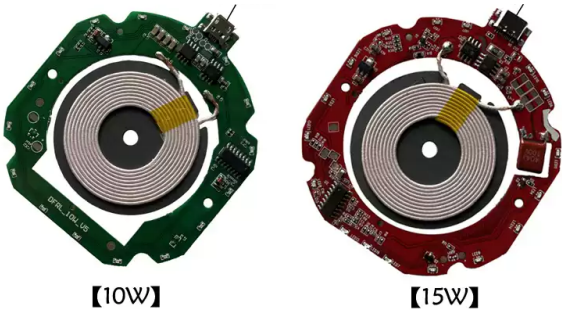
5. Product Variants

10W PCBA	Green controller board, Micro-USB connector, integrated 50 mm coil.
15W PCBA	Red controller board, USB Type-C connector, integrated 50 mm coil.
Finished charging pad	98 x 98 x 6.5 mm enclosure, 15W fast-charge support, 10W/5W backward compatibility.

6. Dimensional Views



SAME FORM FACTOR - DIFFERENT CONNECTOR & POWER



7. Finished Charger Configuration

PRODUCT SPECIFICATIONS

Color	Black / White
Input	5V-2A / 9V-2A / 12V-2A
Charging gap	≤ 8 mm
Cable	1 m included
Product size	98 x 98 x 6.5 mm

Supports 15W fast charging
Backward compatible: 10W / 5W

15W requires a compatible receiving device.

The diagram shows the physical dimensions of the charger. The top view is a square with a side length of 98.0mm. The front view shows a thickness of 6.5mm. The top surface is a circular charging pad with the text 'FAST CHARGE' in the center.

8. Typical Applications

Desktop wireless chargers, furniture-integrated charging points, vehicle accessories, charging docks, smart equipment and other OEM products requiring 10W or 15W wireless charging in a compact integrated transmitter assembly.

9. Integration Considerations

The 10W and 15W boards use different input connectors and power ratings even though the source states that their external dimensions are the same. The host power supply should therefore be selected for the specific variant. For the finished 15W charging pad, the source lists 5V-2A, 9V-2A and 12V-2A input conditions. The ≤ 8 mm charging gap should be validated with the final enclosure material, receiver alignment and target device.

10. Production-Release Data Required

Before controlled release, confirm Qi/Qi2 certification status, exact input-voltage requirements for each bare-board variant, maximum input current, operating frequency, efficiency at each power level, foreign-object detection, thermal derating, overcurrent/overvoltage/short-circuit protection, PCB and enclosure tolerances, connector specification, operating/storage temperature, weight and applicable FCC/UL/ETL/CSA or other certifications.

Document status: Preliminary English datasheet derived solely from the four supplied product images. No webpage file was present.