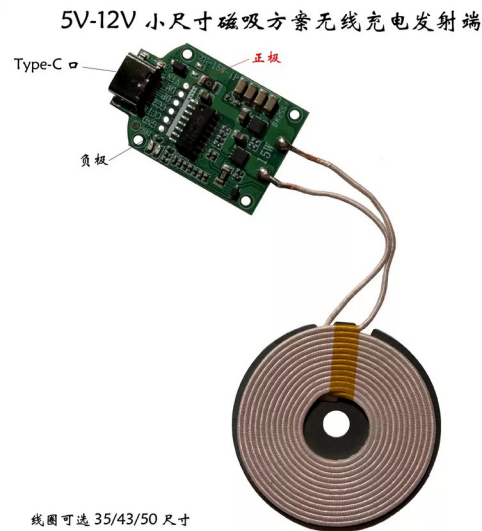


15W Compact Magnetic Wireless Charging Transmitter Module

5-12.5V Input | USB Type-C QC/PD | 35 / 43 / 50 mm Coil Options



Product Overview

Compact 15 W wireless charging transmitter module intended for space-constrained embedded applications. The supplied product material identifies a USB Type-C input supporting 5 V / 9 V / 12 V with QC/PD, or a solder-wire input supporting 5-12.5 V. The module uses a separate planar transmitting coil and is shown charging a smartphone. Coil diameter options of 35 mm, 43 mm, and 50 mm are stated, with 43 mm shown as the default configuration.

Key Features

- 15 W transmitter board marking shown in the supplied product images
- Compact controller PCB: approximately 32 mm x 24 mm
- USB Type-C input: 5 V / 9 V / 12 V, QC/PD
- Solder-wire power input: 5-12.5 V
- 35 mm / 43 mm / 50 mm transmitting-coil options; 43 mm default
- Approx. 50 mm lead length between PCB and coil in the illustrated configuration
- Positive and negative pads can also provide an output corresponding to the Type-C input voltage
- Green operating indicator LED shown in the charging demonstration
- Suitable for embedded magnetic/wireless charging designs and smartphone charging applications

Electrical Specifications

Parameter	Specification	Source Note
Rated / Marked Power	15 W	15W marking visible on PCB
Type-C Input	5 V / 9 V / 12 V	QC/PD stated in source image
Wire Input	5-12.5 V	Solder-wire input range stated

Auxiliary Pad Output	Tracks Type-C input voltage	Source note states + / - pads output the applied Type-C voltage
Operating Indicator	Green LED	Shown in operating demonstration

Mechanical Specifications

Item	Specification
PCB Size	Approx. 32 mm x 24 mm
Default Coil Diameter	43 mm
Optional Coil Diameters	35 mm / 50 mm
PCB-to-Coil Lead Length	Approx. 50 mm (illustrated configuration)
External Power Wire Length	Approx. 30 cm (shown wire-input configuration)

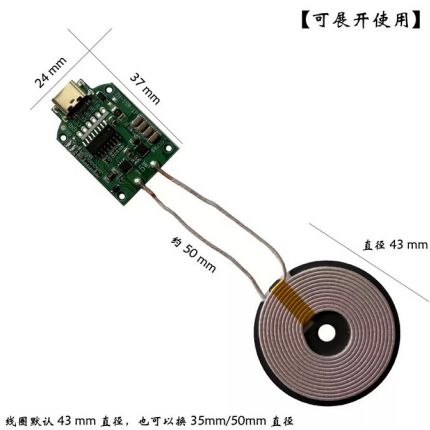
Input / Connection Options

- 1. USB Type-C: 5 V / 9 V / 12 V input with QC/PD support as stated in the source material.
- 2. Solder-wire input: 5-12.5 V.
- 3. Board pads identified in the source image include positive (+), negative (-), CC, D+, and D-.

Typical Applications

Embedded wireless charging pads • Compact charging docks • Smart furniture and fixtures • Consumer electronics • Custom equipment requiring an integrated wireless charging transmitter

Reference Dimensions & Demonstration



Mechanical dimensions shown in source material



Smartphone charging demonstration

Integration Notes

Use an input source compatible with the selected interface and required operating voltage. Final charging performance depends on the receiving device, coil alignment, separation distance, thermal conditions, and source capability. Confirm mechanical clearances and electrical behavior in the final enclosure before production release.

Source-Controlled Specification Note

This preliminary datasheet is compiled only from information visible in the five supplied product images. No webpage/HTML files were present in the uploaded package. Parameters not shown in the source material - including operating frequency, efficiency, maximum input current, protection functions, operating temperature, exact wireless protocol compliance, and certification status - are intentionally not claimed.