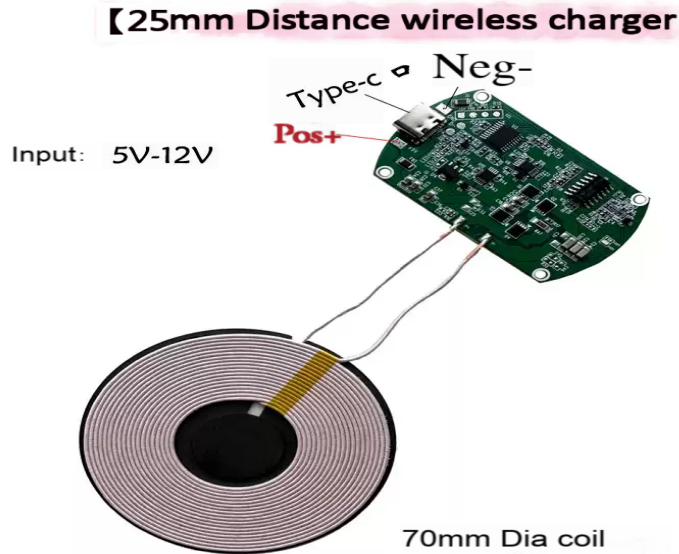


25mm Long-Distance Wireless Power Transmitter Module

5-12 V DC Input | USB Type-C / Direct-Wire Input | 70 mm Transmitter Coil



Product Overview

Long-distance wireless power transmitter module designed for applications requiring a larger air gap than conventional close-coupled charging modules. The supplied datasheet specifies a 5-12 V DC input range, USB Type-C and direct-wire input options, a 70 mm transmitter coil, and wireless power transfer across an air gap up to 25 mm. The control PCB can be mounted behind the coil for a compact stacked assembly.

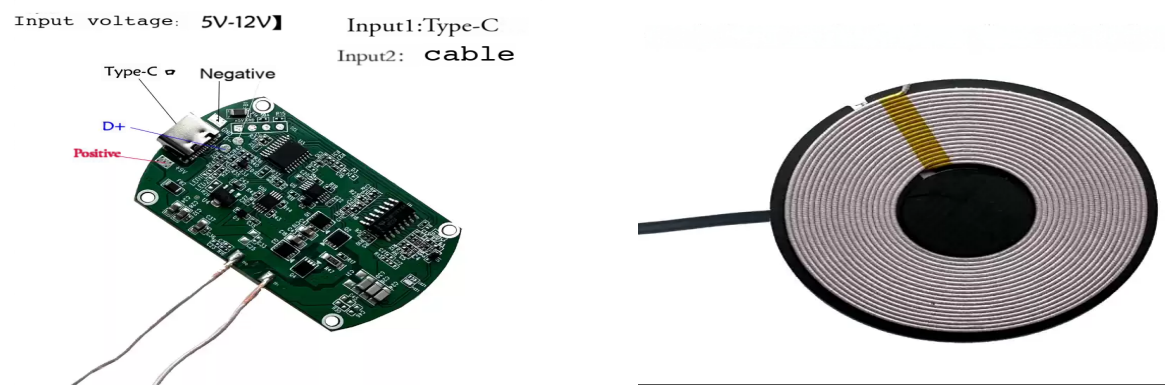
Key Features

- Long-distance wireless power transfer with stated air gap up to 25 mm
- Wide 5-12 V DC input range
- USB Type-C or direct-wire input
- 70 mm diameter transmitter coil
- Control PCB can be mounted behind the coil for compact integration
- Open-frame module and integrated enclosure configurations

Electrical & Interface Specifications

Parameter	Specification
Input Voltage	5-12 V DC
Input Method 1	USB Type-C
Input Method 2	Direct-wire / soldered wire
PCB Signal Marking	D+ and D- shown on supplied PCB image
Polarity	Positive and negative input points identified
Transmitter Coil Diameter	70 mm
Maximum Stated Air Gap	25 mm
Wireless Output Power	Not provided in supplied material
Operating Frequency	Not provided in supplied material
Efficiency	Not provided in supplied material

PCB / Coil Integration



The transmitter coil connects to the control PCB through two leads. The supplied material states that the PCB may be attached to the back of the coil for an overlapping, space-saving installation.

Integrated Enclosure Configuration

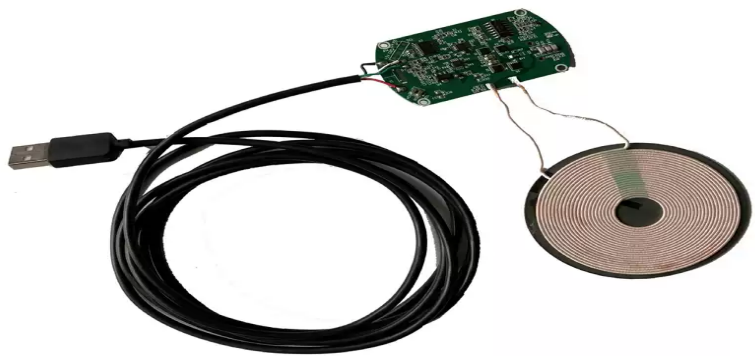


Mechanical Parameter	Specified Value
Enclosure Width	10.5 cm
Enclosure Height	8 cm
Enclosure Thickness	1 cm
Cable Length	1.5 m
Stated Transfer Distance	5-25 mm

Typical Applications

- Embedded wireless power surfaces
- Furniture and countertop wireless power integration
- Enclosed charging pads requiring separation between transmitter and receiver
- Custom electronics and industrial fixtures with the transmitter hidden behind a non-metallic surface
- Prototype and product-development platforms for long-gap wireless power transfer

Example Open-Frame Assembly



The supplied example shows the transmitter PCB, coil, and an external power cable as an assembled system. Final cable and connector configuration should be confirmed for the production variant.

Specification note: Output power, operating frequency, efficiency, receiver requirements, protection functions, operating temperature, and certifications are not specified in the supplied material and are therefore not claimed.