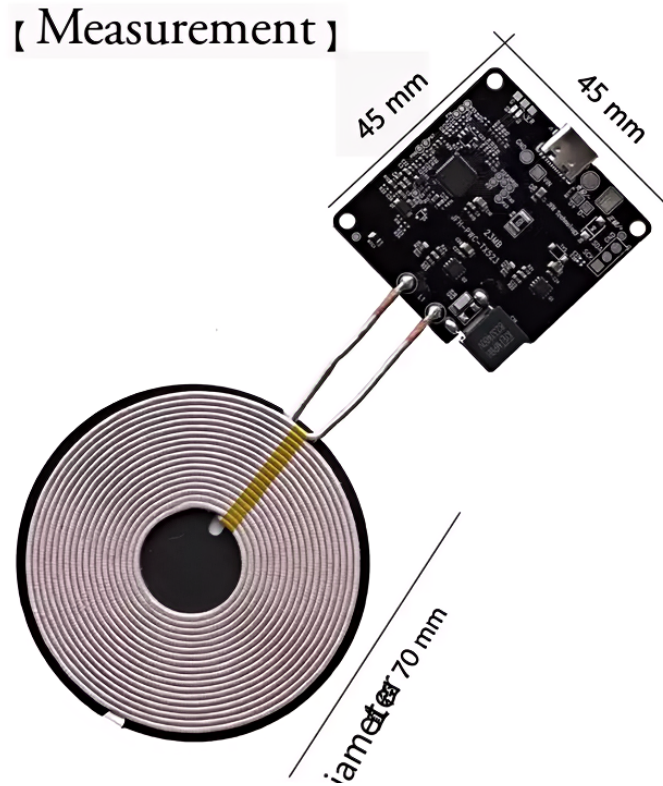


15W Long-Distance Wireless Charging Transmitter Module

Model TX-523 | 12V Fast-Charge Input | 15 mm Class Through-Surface Charging



Control PCB: 45 x 45 mm | **Transmitter Coil:** 70 mm diameter

Product Overview

Compact long-distance wireless charging transmitter designed for concealed installation behind non-metallic surfaces. The supplied webpage identifies the TX-523 as a 15W wireless charging module with QC3.0 fast-charge support and overcharge protection. The product listing describes 12V fast charging and a 15 mm long-distance configuration for hidden installation in furniture, countertops, vehicle interiors, and similar applications.

Key Features

- 15W maximum single-port wireless charging output stated in the supplied webpage
- QC3.0 fast-charge protocol support
- 12V fast-charge configuration
- 15 mm class long-distance / concealed charging application
- 45 x 45 mm control PCB and 70 mm transmitter coil
- DC5521 cable configuration with 15 cm cable shown
- 12V / 2A adapter shown
- Overcharge protection

Electrical & Mechanical Specifications

Parameter	Specification	Source
Model	TX-523	Saved product webpage
Wireless Output Power	15W maximum	Saved product webpage
Fast-Charge Protocol	QC3.0	Saved product webpage
Power Input	12V fast-charge configuration	Webpage title / product image
Power Adapter	12V / 2A shown	Product image
Protection	Overcharge protection	Saved product webpage
Magnetic Charging	No	Saved product webpage
PCB Size	45 x 45 mm	Product image
Transmitter Coil Diameter	70 mm	Product image
DC Cable Length	15 cm shown	Product image
Installation Distance	15 mm class; source demo notes 5-12 mm is preferred	Webpage title / supplied demo image
Operating Frequency	Not provided	Not stated
Efficiency	Not provided	Not stated
Operating Temperature	Not provided	Not stated
Certifications	Not provided	Not stated

Power-Supply Configuration



The supplied product image shows the transmitter module with a DC5521-style cable, a 15 cm cable length, and a 12V / 2A wall adapter. The saved webpage also lists module-only, direct-wire, DC-cable, DC-cable-plus-power-supply, and USB-cable-plus-fast-charger purchase configurations.

Typical Applications

- Concealed wireless charging under non-metallic countertops
- Stone-slab and engineered-stone furniture integration
- Wooden desks, bedside tables, cabinets, and furniture panels
- Glass-surface wireless charging installations
- Vehicle interior charging installations
- DIY and OEM embedded wireless charging products

Integration Notes

The source material markets the product as a 15 mm long-distance transmitter, while the supplied charging demonstration states that a 5-12 mm barrier distance is preferred. Final charging performance will depend on receiver compatibility, surface material, thickness, alignment, and power-supply capability. Metal should not be placed between the transmitter coil and receiver.

Source-control note: This datasheet uses only specifications visible in the supplied product images and saved webpage. Values not supplied by those sources are marked as Not provided. All imagery used in this datasheet is English-only.