

## wireless charger ET9015

### Information for the User Manual who should be adapted to related housing design or mounting situation

#### Warning!

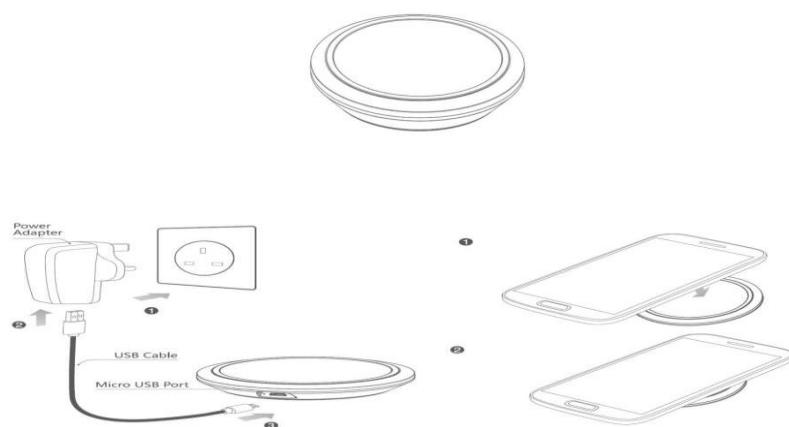
##### Safety Advices

1. Do not disassemble or throw into fire or water, to avoid damage.
  2. Do not use wireless charger in severely hot, humid or corrosive environments, to avoid circuit damage and occurs leakage phenomenon.
  3. Do not place close with magnetic stripe or chip card (ID card, credit cards, etc.) to avoid magnetic failure.
  4. Please keep the distance at least 30cm between implantable medical devices (pacemakers, implantable cochlear, etc.) and the wireless charger, to avoid potential interference with the medical device.
  5. Take care of the children, to ensure that they won't play the wireless charger as a toy.
  6. Some phone case may affect the charging performance.
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7. Ensure there is no any metal object between your phone or the charger.

#### Features

Charge for any QI compatibly wireless device such as Apple or Samsung smartphone.

##### Sample Picture of a housing



1. Connect a USB power adapter (not included) to socket. QC2 or QC3 power adapter will required.
2. Connect the USB 2.0 cable to the USB C port to the pad.
3. The blue LED indicator light will flash twice and turn off into standby mode.
4. Place your Qi compatible device on the wireless charging pad to start charge.
5. To achieve fast wireless charging, a Quick Charge 2.0 or higher power adapter will be required.

**Specification:**

Input: QC2 or QC3 power source

Charging distance: <8mm

Conversion: >72%

Diameter: 90mm x H15 mm

**12 Month Warranty**

ETS warrants your new product to be free from defects in materials and workmanship for the period stated above, from the date of purchase, provided that the product is used in accordance with accompanying recommendations or instructions where provided. This warranty is in addition to your rights under the European Consumer Law.

Pictures of the module in Test Housings



**Certificates:**

**CE RED RoHS FCC Reach**

### **Federal Communication Commission Statement (FCC, U.S.)**

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 a 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 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.

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.

### **FCC Caution:**

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

### **FCC RF exposure statement:**

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum distance between 20cm the radiator your body.

**OEM integration instructions:**

This device is intended only for OEM integrators under the following conditions:

The transmitter module may not be co-located with any other transmitter or antenna. The module shall be only used with the external antenna(s) that has been originally tested and certified with this module.

As long as the conditions above are met, further transmitter test will not be required. However, the OEM integrator is still responsible for testing their end-product for any additional compliance requirements required with this module installed (for example, digital device emissions, PC peripheral requirements, etc.).

**Validity of using the module certification:**

In the event that these conditions cannot be met (for example certain laptop configurations or co-location with another transmitter), then the FCC authorization for this module in combination with the host equipment is no longer considered valid and the FCC ID of the module cannot be used on the final product. In these circumstances, the OEM integrator will be responsible for re-evaluating the end product (including the transmitter) and obtaining a separate FCC authorization.

**End product labeling:**

The final end product must be labeled in a visible area with the following: "Contains Transmitter Module FCC ID: 2A38P-ET9015."

**Information that must be placed in the end user manual:**

The OEM integrator has to be aware not to provide information to the end user regarding how to install or remove this RF module in the user's manual of the end product which integrates this module. The end user manual shall include all required regulatory information/warning as show in this manual.

# ETS Products Group

## Integration instructions for host product manufacturers according to KDB 996369 D03 OEM

### Manual v01

#### 2.2 List of applicable FCC rules

FCC Part 15 Subpart C 15.207 & 15.209

#### 2.3 Specific operational use conditions

The module is a WPT module with wireless charging function.

Operation Frequency: 115-205kHz

Modulation: ASK

Type: Coil Antenna

Gain: 0 dBi Max.

The module can be used for mobile or applications with a maximum 0dBi antenna. The host manufacturer installing this module into their product must ensure that the final composite product complies with the FCC requirements by a technical assessment or evaluation to the FCC rules, including the transmitter operation. The host manufacturer has to be aware not to provide information to the end user regarding how to install or remove this RF module in the user's manual of the end product which integrates this module. The end user manual shall include all required regulatory information/warning as shown in this manual.

#### 2.4 Limited module procedures

Applicable. The module is a Limited module and complies with the requirement of FCC Part 15.212.

#### 2.5 Trace antenna designs

Not applicable. The module has its own antenna, and doesn't need a host's printed board microstrip trace antenna etc.

#### 2.6 RF exposure considerations

The module must be installed in the host equipment such that at least 20cm is maintained between the antenna and users' body; and if RF exposure statement or module layout is changed, then the host product manufacturer required to take responsibility of the module through a change in FCC ID or new application. The FCC ID of the module cannot be used on the final product. In these circumstances, the host manufacturer will be responsible for re-evaluating the end product (including the transmitter) and obtaining a separate FCC authorization.