

1. Wireless charging module brief

The car phone wireless charging transmitter module applies to 12V car power system. This module uses ST's chip, WPC Qi standard, A6 three coils. chip built-in FOD protection function, transmit power minus the effective power data of receiving end RX return, approximated get parasitic heat loss power. By setting the FOD protection threshold, indirectly limit the phone parasitic loss temperature rise.

2. Wireless charging module characteristics

9V~16V power supply

WPC Qi 1.2 standard

A6 type three coils

Overvoltage protection

Overcurrent protection

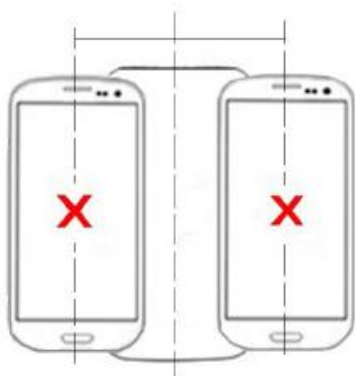
Overtemperature protection

Foreign Object Detection (FOD) protection LED

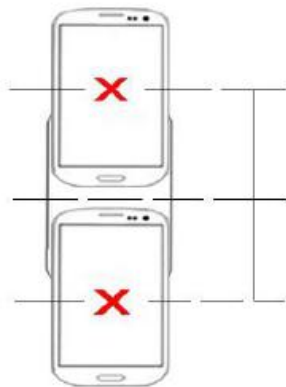
LED display charging status

Energy Convert Efficiency $\geq 65\%$

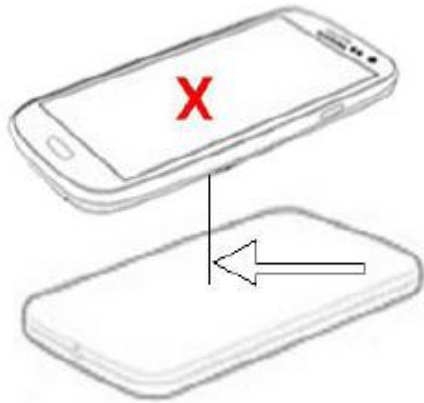
3. Effective working area



X-axis chargeable area: -15mm~15mm



Y-axis chargeable area: -35mm~35mm



Z-axis chargeable area: Shell surface 0mm~6mm

4. Caution

1. When the phone is during charging, due to the large energy, the smart key could not be placed next to and on the top of the phone to prevent undetectable smart key. We recommend car manual instructions: "When the phone is during charging, please do not place the smart key next to and on the top of the phone."

2. It is not allowed to disassemble and retune the mechanism without special training because the production is assembled and tuned using special method.

3. Storage: avoid storing the production in high temperature and heavy wet place.

4. Handling: avoid extra force to cause the distortion of the sample when handling.

5. Great care should be taken when to use the materials which can generate gases, such as silicon Rubber, etc. The gases may harm to the parts of the production.

FCC Caution.

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§ 15.19 Labelling requirements.

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.

§ 15.21 Information to user.

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

§ 15.105 Information to the user.

Note: 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 or more 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.

The device has been evaluated to meet general RF exposure requirement.

The device can be used in portable exposure condition without restriction.