



Excellence in Compliance Testing

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## **Certification Exhibit**

**FCC ID: V2A-ECO**

**IC: 7566A-ECO**

**FCC Rule Part: 15.247**

**IC Radio Standards Specification: RSS-247**

**ACS Project: 15-2038**

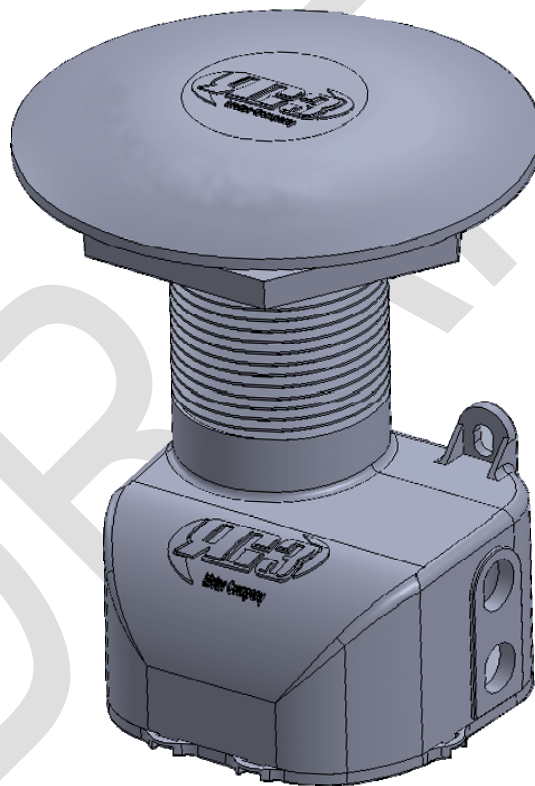
**Manufacturer: RG3 Meter Company**

**Model: ECO**

## **User Manual**



# User Manual



## **Tesla AMR/AMI System** *Tesla EcoPoint*

**Introduction:**

Thank you for purchasing the RG3 Tesla AMR meter interface radio. This innovative device allows you to read any compatible meter via radio eliminating the need to read each meter visually. It simply connects to the meter register and you are ready to go.

**Installation:**

The Tesla AMR meter comes to you pre-set at the factory ready to install in the field.

***Wiring:***

- Attach the color coordinated wires to the terminals of the meter register.
- The meter register will have color designations on the terminals that must match the colors of the wires on the meter interface radio.
- The terminals must be sealed with a waterproof compound to prevent data communication issues.
- Once the wiring is complete, the meter interface radio will obtain a meter reading and assume the serial number programmed into the register within one hour.

***Radio Mounting:***

- The meter interface radio should be mounted in the highest location in the meter installation environment (pit/basement/building) to ensure optimal signal propagation.
- The design also allows for through lid mounting by removing the circular disc at the top of the meter interface radio and inserting the threaded portion through the bottom of the meter box lid. NOTE: The bottom of the disc must be flush with the top of the meter box lid so as the threaded portion does not protrude through the meter box lid.

**Operational Information:**

The Tesla AMR meter is designed to operate with RG3's Mobile Laptop Collector or AMI Data Collector. The meter will transmit reading, tamper, and data logging information to the Collector for billing and usage analysis purposes.

**Maintenance:*****Meter Interface:***

There are no user maintainable components in the Infinity Tesla AMR meter register. Please contact the Infinity Metering or your distributor regarding maintenance issues.

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**FCC Information to the User:**

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.

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.

This Class B digital apparatus meets all requirements of the Canadian Interference Causing Equipment Regulations. 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.

Cet appareillage numérique de la classe B répond à toutes les exigences de l'interférence canadienne causant des règlements d'équipement. L'opération est sujette aux deux conditions suivantes: (1) ce dispositif peut ne pas causer l'interférence nocive, et (2) ce dispositif doit accepter n'importe quelle interférence reçue, y compris l'interférence qui peut causer l'opération peu désirée.

***Warning: Changes or modifications to this device not expressly approved by RG3 Meter Company could void the user's authority to operate the equipment.***

**RF Exposure**

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Cet équipement est conforme aux limites d'exposition aux radiations dans un environnement non contrôlé. Cet équipement doit être installé et utilisé à distance minimum de 20cm entre le radiateur et votre corps. Cet émetteur ne doit pas être co-localisées ou opérant en conjonction avec tout autre antenne ou transmetteur.

The term "IC:" before the radio certification number only signifies that Industry Canada technical specifications were met.