

# CLASS 2100 KWH METER with Built-In Wireless Transceiver

## Features

- Direct-read 8-digit LCD display without multiplier displays accumulative kWh and "real-time" kW load.
- Meter has built-in wireless transceiver for in-building remote meter data collection and can interface with E-Mon wireless gateways to automatically compile data in PC-based E-Mon metering software.
- Fully self-configuring wireless mesh network allows for easy installation and configuration with no network management required.
- Demand option displays kW/Demand and kW Peak date and time (15 minute interval standard, 30 minute interval available.)
- NEMA 4X outdoor enclosure with 1 1/16" KO (3/4" cond.) on bottom of enclosure.
- Non-volatile Memory
- Utility Grade Metering Accuracy. Certified to ANSI C12.1 and C12.16 electronic meter National Accuracy Standards. (+/- 1% from 1%-100% of the rated load.)
- Wireless transceiver is FCC certified not to interfere with existing infrastructure.
- Wireless mesh network operates in the 915 MHz frequency hopping spread-spectrum license-free band. No cellular wireless service contracts are required.
- Meters with built-in wireless transceivers can be mounted inside buildings within approximately 500 feet line-of-sight from each other and up to 200 feet through walls, depending on wall material.
- 0-2 volt output split-core current sensors promote enhanced safety and accurate remote mounting of current sensors up to 2000 feet from meter without power interruption. (Optional solid-core sensors available.)
- Meters are equipped with a current sensor diagnostics indicator to assist in installation.
- Parallel up to three (3) sets of current sensors for cumulative reading.
- Meter can be used on the following configurations:
  - 3-Phase, 4-Wire
  - 3-Phase, 3-Wire
  - 2-Phase, 3-WireFor other configurations contact factory.



Dimensions: 7 1/2" H x 7 1/2" W x 4" D

## Model Numbers

**120/208-240V, 3-Phase, 4W  
240V, 3-Phase, 3W**  
208100RWT KIT (100 amp)  
208200RWT KIT (200 amp)  
208400RWT KIT (400 amp)  
208800RWT KIT (800 amp)  
2081600RWT KIT (1600 amp)  
2083200RWT KIT (3200 amp)

**277/480V, 3-Phase, 4W  
480V, 3-Phase, 3W**  
480100RWT KIT (100 amp)  
480200RWT KIT (200 amp)  
480400RWT KIT (400 amp)  
480800RWT KIT (800 amp)  
4801600RWT KIT (1600 amp)  
4803200RWT KIT (3200 amp)

NOTE: All meter kits include one set of three (3) split-core current sensors

For demand option add suffix "D" to the model number. e.g., 208400RWTD KIT