

# 1-CHANNEL AC CURRENT SENSOR SPECIFICATIONS

## Sensor & Gateway

### Features

- Industrial Grade Wireless Current Monitor (RMS output)
- AC Current range options of 0-100A, 0-200A, 0-600A and 0-1000A
- Current change detection and transmission
- Configurable Current Change Detection Limits
- Multiple sensor readings per day
- 2-mile communication range between sensor and gateway

### Sensor Environmental and Regulatory Qualifications

- Temperature Operation Range -40°C to +70°C (-40°F to 158°F)
- Humidity Range 0-90%
- Frequency Range Bandwidth 1.56Hz-6.4kHz
- Water and Dust Proof (IP67) NEMA 6p
- Flammability Rating of UL94 HB
- RoHS Compliant

### Sensor Data

- Configurable sampling options of 100A, 200A, 600A, 1000A
- AC Split Core Current Sensor Length - 1.25 meter
- Clamp on current sensor 0-100A or 0-200A measurement range
- Batteries - 4 AA (L91)
- DC External Power (optional) 5-12V DC

### Gateway

Actual Size: 13.75"L (with antennae) x 5.5"W x 2.5"H



### Sensor

Actual Size: 4.3"L x 3.1"W x 2.2"H

### Specifications

- Wireless Frequency 900MHz or 868MHz
- 128bit AES encryption
- Sensor: 4.3"L x 3.1"W x 2.2"H
- Sensor Weighs 1-4 lbs (weight dependent on configuration)
- Gateway: 13.75"L (with antennae) x 5.5"W x 2.5"H
- Gateway Weighs 1.15 lbs

## APPLICATIONS



Industrial Current Monitoring



Electrical Behavior Analysis

- Pumps
- Motors
- Generators



Current Abnormality Detection



Handheld Current Monitoring Equipment

## Software

### Dashboard

- Easy to Understand Current Charts
- Sensor Battery Level
- Easy to Recognize Notification Features Designed to Reduce Alert Fatigue

### Customization

- Easily Map Your Equipment With Your Terminology
- Create Notification Groups and Escalation Groups (SMS or Email)