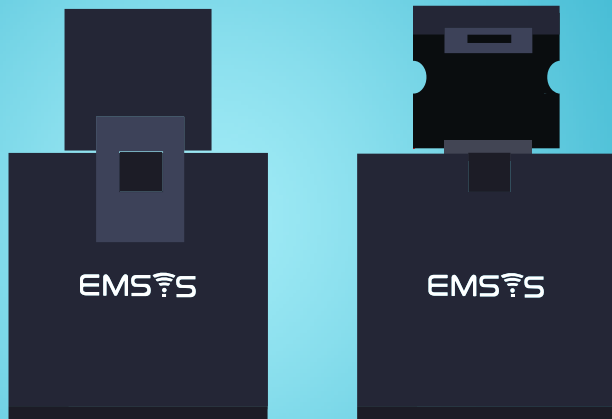


# WIRELESS AC CURRENT TRANSDUCER



## Datasheet

EMSYS's Unique Wireless AC Current Transducer provides accurate AC current monitoring and field detection.

There are two models for different measurement ranges and different cable diameters:

- ACCT-200-10
- ACCT-200-15

Wireless AC Current Transducer (ACCT) measures RMS value of AC current (whose frequency is 50Hz or 60Hz) during one AC period, as well as detecting if electrical field is present or not.

It can be powered by an internal battery or it can use the electromagnetic field of the cable on which it is installed.

## OPERATING SPECIFICATIONS

### AC Current Measurement

ACCT-200-10: Range: 0-50A  
Resolution: 0.06  
Accuracy: 1% or better A

ACCT-200-15: Range: 0-200A  
Resolution: 0.06A  
Accuracy: 1% or better

Power Supply: Internal Battery  
USB (5-16VDC)

Wireless Communication: Frequency ISM Band - 2.4GHz  
DSSS Range indoor >50m  
(expandable with repeaters)

Operating Temp.: 32°F to 104°F (0°C to 40°C)

Storage Temp.: 32°F to 104°F (0°C to 40°C)

Humidity: 5-85%, non-condensing

### Dimensions & Weight

ACCT-100-50-10: 1" x 1.1" x 2"  
(26mm x 29mm x 51mm)  
4oz (115g)

ACCT-100-100-15: 1.6" x 1.4" x 2.3"  
(42mm x 36mm x 59mm)  
10.2oz (290g)

Enclosure: Material: ABS  
Ingress protection: IP40  
Protection against mechanical impacts: IK08

### KEY ATTRIBUTE

EMSYS Wireless AC Current Transducer can be used as a current measurement tool and a circuit breaker monitor. disipation, making itself, almost "invisible" to the monitored battery.