

GE I-210+c Electric Meter

Advanced Residential Electricity Metering Solution

Overview

The Sensus FlexNet™ Communication Network SmartPoint module is integrated into GE's I-210+c residential electric meter. The long-range radio network provides the I-210+c metering platform with a scalable and reliable communications infrastructure that enables smart cities.

The integrated radio module provides point-to-multipoint communications reducing the number of access points required to capture and transmit data. With the large inventory of licensed spectrum, the network has the bandwidth to support multiple applications as well as future data requirements.

Collectively, the secure two-way communications highway and the I-210+c's key features include time of use, load profile data, power quality information, an optional remote connect/disconnect switch and pending UL 2735 certification for exceptional safety and reliability.

Metrology

kWh and optional kVarh and kVAh energy measurements with associated demand values

ANSI C12.20 Accuracy Class 0.5% with typical accuracy better than 0.2%

Full net metering

Primary reading register option

Demand reading options include block, rolling, max, cumulative and consistent

TOU flexibility with four tiers, four seasons, 50 perpetual holidays and Critical Peak Pricing (CPP)

Enhanced performance with four channels of ANSI C12.19 load profile data and up to 14 snapshots

All applicable ANSI tables supported ensuring reliable and accurate information for utility billing and analysis

Under cover remote connect/disconnect switch



Features and Benefits

Under cover, fully-rated 200 amp connect/disconnect switch

Daily self reads

On demand meter readings and status reports

Meter tamper detection

Tested and pending UL 2735 certification for additional safety, durability and protection

End to end IPv6 supported

Flexible two-way communication via FlexNet network

FlexNet communications network supports multiple applications

FlexNet communications network is FCC approved for operation on an unshared primary-use licensed spectrum