



# Aclara I-210+c™ Residential Smart Grid Meter

By Aclara



The Aclara I-210+c™ Residential Meter is an advanced, high-precision metering solution for residential applications. It integrates real-time instrumentation and power quality monitoring, delivering critical information at the edge of your network. This meter enhances operational effectiveness, improves network efficiency, and reduces energy costs. Its features include a bi-directional demand meter, diverse AMI options, and tamper detection tools. The I-210+c™ is adaptable to complex needs, offering advanced functions like reactive power measurement, power quality and event logging, and a remote disconnect option. It supports multiple communication technologies, including RF Mesh and PLC, and is rigorously tested to ensure reliability and accuracy.

## Features

- Advanced metering for residential applications
- Real-time instrumentation and power quality monitoring
- Bi-directional demand meter with diverse AMI options
- Tamper detection for enhanced security
- Adaptable to complex metering needs and communication technologies
- Supports reactive power measurement and event logging
- Remote disconnect option for operational efficiency
- Rigorous testing for reliability and accuracy

## Application

Residential

### General

- |                   |   |
|-------------------|---|
| Available Forms   | <ul style="list-style-type: none"><li>• CL20 : 3S, 4S</li><li>• CL200 : 1S, 2S, 12S, 25S</li><li>• CL320 : 2S, 12S, 25S</li></ul>   |
| Available Options | <ul style="list-style-type: none"><li>• Class/Form:</li><li>• CL20: 3S, 4S</li><li>• CL200: 1S, 2S, 12S/25S</li><li>• CL320: 2S, 12S/25S</li><li>• Service Disconnect option available on CL200 and CL320</li></ul> |
| Compatibility     | <ul style="list-style-type: none"><li>• Aclara RF</li><li>• Aclara Cellular</li><li>• Itron GenX</li></ul>  |

- Landis+Gyr Gridstream
  - Sensus Flexnet
  - Trilliant SecureMesh
  - Trilliant SecureReach
  - Verizon Gridwide
  - Nexgrid IntelMeter
  - Nighthawk Adaptiv Link
  - Easymetering Cellular
- Ingress Protection  
Operating Temperature
- NEMA 3R
- -40°C to +85 °C
  - <95% relative humidity

## Electrical Ratings

- |                  |   |
|------------------|---|
| Current Rating   | Class 20, 200, and 320 A  |
| Frequency Rating | 50 or 60 Hz   |
| Voltage Rating   | <ul style="list-style-type: none"><li>• 120 V</li><li>• 208 V</li><li>• 240 V</li></ul> |

## Certifications And Compliance

- |                      |  |
|----------------------|--|
| Industry Standard(s) | <ul style="list-style-type: none"><li>• ANSI C12.1, C12.10, C12.16, C12.18, C12.19, C12.20</li><li>• FCC Class B emissions</li><li>• UL2735 (option)</li></ul> |
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## Product Assets

- [Brochures - I-210+c Residential Metering](#)
- [Literature - I-210 Meter Family with 320 Amp Service Switch](#)
- [Specifications - Aclara I-210+c, Residential Smart Grid Meter](#)