# Aclara I-210+ Smart Grid Meter

By Aclara

The Aclara I-210+ is a high-precision smart grid meter tailored for residential applications. It's a solid-state kWh meter equipped with a 200A (or new 320A) service switch, providing basic load management functionality. Known for its quality and reliability, it has passed rigorous internal and external validation tests for billing accuracy. Its interoperable design supports multiple communication technologies like RF Mesh and PLC, making it a versatile choice for various smart grid applications.

## Features

- High-precision residential metering
- Solid-state kWh meter platform with 200A service switch
- Interoperable with RF Mesh and PLC communication technologies
- Proven reliability and quality in billing accuracy
- Supports smart grid applications including load management and outage restoration
- Compliant with ANSI C12.1, C12.10, C12.20, C37.90.1 standards

## Application

Residential

## General

| | |
|---|---|
| Available Forms | • CL20 : 3S, 4S<br>• CL200 : 1S, 2S, 12S, 25S<br>• CL320 : 2S, 12S, 25S |
| Available Options | • Class/Form:<br>• CL20: 3S, 4S<br>• CL200: 1S, 2S, 12S/25S<br>• CL320: 2S, 12S/25S<br>• Service Disconnect option available on CL200 and CL320 |
| Compatibility | • Aclara TWACS<br>• Trilliant SecureMesh<br>• Trilliant SecureReach<br>• Nexgrid IntelaMeter<br>• Tantalus TruEdge |
| Ingress Protection | NEMA 3R |
| Operating Temperature | • -40°C to +85 °C<br>• <95% relative humidity |

## Electrical Ratings

| | |
|---|---|
| Current Rating | Class 20, 200, and 320 A |
| Frequency Rating | 50 or 60 Hz |
| Voltage Rating | • 120 V<br>• 208 V<br>• 240 V |

## Certifications And Compliance

| | |
|---|---|
| Industry Standard(s) | • ANSI C12.1, C12.10, C12.16, C12.18. C12.19, C12.20<br>• FCC Class B emissions<br>• UL2735 (option) |

## Product Assets

Literature - I-210 Meter Family with 320 Amp Service Switch
Specifications - Aclara I-210+ Smart Grid Meter



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