GE
Energy

I-210* Singlephase Meter

fact sheet

Uncompromised Advanced Technology at an Affordable Price

GE Energy's I-210* Singlephase Meter is an electronic watthour meter designed for measuring energy consumption in singlephase services. The I-210 meter's advanced design is a powerful combination of accuracy, affordability and reliability. With the I-210 meter, GE Energy is proudly continuing its longstanding commitment to the utility industry to design metering products that deliver operational efficiency and reliable measurement. As the cost of energy continues to rise, utilities require more precise and accurate measurement techniques.

The I-210 meter delivers high quality, solid-state measurement performance, affordability, accuracy and reliability through its innovative sensor design and mechanical construction. The I-210 meter meets or exceeds GE's uncompromising standards for operation from –40°C through +85°C. The I-210 meter is available in all the popular meter forms for measuring energy consumption in 2-wire or 3-wire transformer-rated or self-contained residential or commercial singlephase services.

Features and Advantages of the I-210 Singlephase Meter

- Uncompromising GE performance.
- Simplified sensor design and mechanical construction for reliability.
- Promotes equitable customer billing through stable, accurate, electronic design.
- Low starting watts captures energy consumption at levels typically not registered by electromechanical meters.
- Low burden minimizes utility system losses.
- Tamper-resistant design minimizes theft-of service. Programmable to register energy when meter inverted.
- Large, easy to read LCD display minimizes reading errors.
- Operates over a broad temperature range (–40°C through +85°C).
- Factory programming minimizes handling and boosts operational efficiency.
- Compatible with existing I-70 cover stock to minimize utility cover inventory.
- Compact, cost-effective construction saves space and simplifies installation and handling.
- Performance meets or exceeds industry standards (ANSI® C12.1, C12.10, C12.20, C37.90.1).
- Models available for 120 or 240 volt CL 20, CL 100, CL 200, CL 320 applications. 50 or 60 Hz operation.
- Designed to be compatible with existing utility operational practices.

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Specifications

Available Models:

ANSI form 1S, 2S, 3S, 4S CL 20, CL 100, CL 200, CL 320

120 V, 240 V models available 50 or 60 Hz

Applicable Standards – Meets or exceeds:

ANSI C12.1, C12.10, C12.20, C37.90.1

Operating Range:

Voltage: +20% -20% (or ±20%)

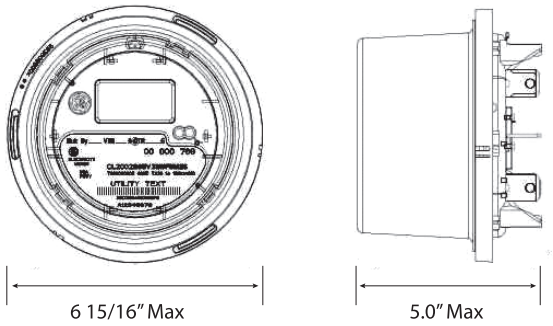
Temperature: -40°C through +85°C

Typical Starting Watts: <=5.0 Watts (Form 2S 240V CL200)

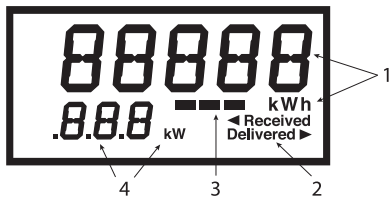
Typical Watts Loss: 0.5 Watts

Typical Accuracy: Within +/- 0.2%

Dimensions



LCD Display — 4 or 5 digit (0.5" height)



1. kWh Display – Selectable 4- or 5-digit Presentation
2. Energy Flow Direction Indicators
3. Disk Analog – Indicates Energy Flow Rate
4. Selectable 3-digit Display of Instantaneous Power (kW)

Shipping Weight

Approximate Weight	Glass Cover	Polycarbonate Cover
Individual Meter	2.7 lbs	1.7 lbs
4-Meter Pack Shipping Carton	12 lbs	8 lbs
Pallet (Qty 96 Meters)	315 lbs	214 lbs

Ordering Information

Circuit-Type	Meter Class	Volts	Test Amps	Watthour Constant (kt)	Meter Form Number	LCD Display Presentation	GE Meter Catalog Number w/ Glass Cover (Note 1)	GE Meter Catalog Number w/ Polycarbonate Cover (Note 1)
2-Wire	20	120	2.5	0.05	3S	5x1-digit	726X300005	726X300001
2-Wire	20	120	2.5	0.05	3S	4x10-digit	726X300006	726X300002
2-Wire	20	240	2.5	0.1	3S	5x1-digit	726X300007	726X300003
2-Wire	20	240	2.5	0.1	3S	4x10-digit	726X300008	726X300004
3-Wire	20	240	2.5	0.1	4S	5x1-digit	726X400003	726X400001
3-Wire	20	240	2.5	0.1	4S	4x10-digit	726X400004	726X400002
2-Wire	100	120	15	0.25	1S	5x1-digit	726X100005	726X100001
2-Wire	100	120	15	0.25	1S	4x10-digit	726X100006	726X100002
2-Wire	100	240	15	0.5	1S	5x1-digit	726X100007	726X100003
2-Wire	100	240	15	0.5	1S	4x10-digit	726X100008	726X100004
3-Wire	200	240	30	1.0	2S	5x1-digit	726X200002	726X200001
3-Wire	320	240	50	2.0	2S	5x1-digit	726X500002	726X500001

Note 1: Catalog number includes display of kWh quantity ("delivered + received" energy accumulation). Optionally, the meter may be factory programmed to include display of "instantaneous power" by ordering similar to catalog number from list (i.e., 726X200001)...except with "instantaneous power" display.

For more information, contact your GE Energy sales representative or visit www.ge.com/energy.

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