

Aclara kV2c™ Gen5 Meter

Aclara's kV2c™ Gen5 meter is designed for revenue class metering in commercial and industrial applications. This new generation of meter moves beyond revenue metering to real time instrumentation, true power quality monitoring and real cost of service measurements.

Whether you are metering the simplest energy rate or collecting critical quality of service and load analysis information on a polyphase or a single phase circuit, there is a kV2c meter configuration to meet your needs.



KEY FEATURES

- Advanced metering solution
- Industry-proven
- Cost efficient
- Adaptable to fit complex needs
- Robust design and testing
- Diverse integrated AMI options



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ADVANCED CONFIGURATION

- Configurable options for specific data needs and complex rate requirements
- Optional advanced functions available such as:
 - Reactive power measurement for power factor rate applications
 - Power quality and event logging for specific case investigations
 - Supports up to 20 channels of Load Profile data
- Remote Disconnect (RD) option improves operational efficiency and adds options like:
 - Demand side management
 - Remote repayment systems
 - Controlled outage restoration
- Tamper detection tools that show:
 - Errors
 - Wiring changes
 - Tampering
 - Billing issues

RELIABILITY

- Over 130 years of designing and building high-quality, accurate, and reliable meters
- Highly Accelerated Life Testing (HALT) assures reliability over the life of the meter
- Industry leading software suite, MeterMate™, eases configuration effort and increases diagnostic details for lower operational costs

COMMUNICATIONS

- Broad AMI options including:
 - Radio frequency point-to-multipoint
 - Power line communications
 - Cellular communications
 - Radio frequency mesh (RF Mesh)
 - Rigorous validation of AMI integration to ensure reliability and control cost of ownership
- Serial Communication board option for RS-232 communications to external device

Available Forms	CL20: 3S, 4S, 9S, 36S, 45S CL200: 1S, 2S, 12S, 16S*, 25S CL320: 2S, 12S, 16S *Option: 16S CL200 with RD
Display	Supports 6 characters Up to 75 displayed items Modes: Normal, Alternate, Test, Frozen, Site Genie (Diagnostics) 3 Character Display Label Phase voltage indicators
Accuracy	Exceeds +/- 0.2% certified class accuracy Typical watt loss: 0.8W @ 120V / 1.7W @ 480V
Standard	120V to 480V auto-ranging Variant options: 57V - 120V or 600V Revenue Guard Option for multi-phase supply assurance
Frequency	50Hz or 60Hz
Temperature	-40°C to 85°C <95% relative humidity
Weight	2.5 to 3.9 lbs
KYZ Option Boards	Simple I/O - 2 form C outputs, 1 form A output & 1RTP Multiple I/O - 2 form C outputs, 6 form A outputs, 4 pulse inputs & 1 RTP
Standards	ANSI C12.1 ANSI C12.10 ANSI C12.18 ANSI C12.19 ANSI C12.20 UL 2735 FCC Class B Emissions