

Know where the power goes

A-Series* II Panelboard with Branch Circuit Monitoring and AMP1 Integrated Power and Energy Meter



Your efforts to reduce energy consumption begin with making smart decisions. Let our integrated A-Series II Panelboard solutions help you to identify potential measures that put you on the path to energy and cost savings.

Simply tie your Type AQ, AE or AS panelboard with either our Branch Circuit Monitoring or AMP1 Integrated Power & Energy Meter (into a building automation system) to know where your power goes and how much you're using.

Branch Circuit Monitoring (BCM)

delivers valuable and precise branch usage data from the A-Series platform down to the individual branch circuit, enabling users to analyze and identify potential cost-saving actions.

AMP1 Integrated Power & Energy Meter

monitors key electrical parameters of the main power coming into the panelboard. The factory installed AMP1 meter is a completely integrated solution ideal for tenant billing and cost allocation.



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A-Series* II panelboard features

- Symmetrical design – top or bottom mount
- Galvanized enclosures with removable endwalls
- Flush or surface mounting
- Interiors that allow “straight-in” wiring
- Field-installable, 200% neutral for non-linear loads
- Branch-bus direct connection
- Captive hardware on branch breakers
- Bussed TVSS for maximum surge protection
- Optional door-in-door or front-hinged-to-box door
- NEMA Type 1, 3R/12 or 4/4X enclosures

BCM features

- IEC Class 1 metering accuracy
- Monitor up to 50 panelboards on one RS-485 drop
- Reports volts, amps, power, and energy for each circuit
- Monitors 42 circuits (and optional mains)
- 4 configurable alarm thresholds improve load management
- Ability to set the orientation and numbering of the circuits
- 1/4 to 125¹ Amp monitoring – the widest range available
- 1-, 2-, 3-pole breaker support
- 5-year warranty
- Modbus® RTU via RS-485 communications

¹Must use Split Core BCM for 110A and 125A monitoring. Solid Core available for 42 circuits only, 100A max. Split Core available from 12-42 circuits, up to 125A max.

AMP1 features

- Solutions up to 800A
- Revenue Grade, ANSI 12.20 0.5% accuracy
- Monitors voltage, amperage, power, and energy
- Backlit LCD Display
- Data logging option helps to ensure data is still preserved locally
- Communicates via Modbus® RTU or BACnet – Versatile and widely used protocols.
- User-enabled password protection
- UL-67 approved
- 5-year warranty
- Earn points towards LEED Certification

Multi- and Single Point

	Type AQ	Type AE	Type AS
Max Voltage	240V	480Y/277V, 125/250 Vdc	480Y/277V, 125/250 Vdc
Max Amperage	800A	800A	800A
Fully Rated	65kAIC at 240V	18kAIC at 480Y/277V, 65kAIC at 240V	65kAIC at 480Y/277V, 100kAIC at 240V
Series Rated	200kAIC at 240V	100kAIC at 480V	100kAIC at 480V
Main Lug	800 Amp Max	800 Amp Max	800 Amp Max
Main Breakers	QB, SE, SF, SG, SK, FE	TEY, TEYF, SE, SF, SG, SK, FE	TEYD/H/L, SE, SF, SG, SK, FE
Branch Breakers	15A-100A, 1P,2P,3P QB	15A-100A, 1P,2P,3P TEY or TEYF	15A-100A, 1P,2P,3P TEYD/H/L

GE
Industrial Solutions
 41 Woodford Avenue
 Plainville, CT 06062
 www.geindustrial.com

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