With an emphasis on gauging performance based on electrical load, POWERVAR’s Atlas FA provides next generation monitoring and management of all of your equipment at your site. Its built-in communications interfaces with a centralized server for easy multi-site control.

**Atlas FA Advantages**
- Complete facility automation and monitoring – all equipment is remotely monitored & controlled (HVAC, lighting, kitchen equipment, coolers, freezers, hot water heaters, etc.)
- Electrical current is monitored and trended for early detection of degraded equipment
- Support for curtailment & demand response programs
- Early detection of anomalies and issues to allow for correction before failure
- Compatible with existing HVAC, lighting and refrigeration controls

**Atlas FA Features**
- Complete control and monitoring of building circuits and equipment
- Integrated power monitoring and management
- User configurable internal logic for handling simple to complex requirements
- Energy optimization routines & algorithms for accommodating almost any scenario
- Support for BACnet, Modbus and SNMP
- Compatibility with POWERVAR’s complete suite of energy quality & UPS systems
- Hardened housing to allow for installation in almost any environment
- Remotely upgradeable firmware
- Top-tier security
- Multiple communications options
Why Atlas FA?

The Atlas FA was designed from the ground up to complement and enhance the entire scope of facility electrical services – from managing the power quality for effective operation of your POS system to monitoring & controlling all of your equipment. Simply put, the Atlas FA ensures your employees are focusing on the business, the equipment is up and running, and that problems are detected before they are issues. Not only have our customers seen savings of 25% or more in energy costs, but they have also experienced an increase in customer satisfaction, a more effective operation and reductions in service costs.

Product Specifications

- 30 Dedicated 20 Amp rated NC (Normally Closed) Relays. (18 Single Pole and 12 Double Pole for 230V circuits)
- 30 in-line CT’s for current monitoring.
- Modular Power Relay boards for field serviceability
- System can be expanded to 60 circuits using a second enclosure.
- 32 Configurable Digital/Analog Inputs (0 - 5V, 4 - 20 mA, thermistor or digital), easily expanded to 64.
- 8 120VAC Inputs
- 6 Control Relay outputs (rated for 1 Amp)
- Support for Modbus RTU, Modbus TCP, BACnet MSTP, BACnet IP, SNMP, REST and other protocols
- Internal Scheduling for I/O and attached controls
- User Configurable Logic
- Embedded Web Server for user administration, monitoring and control.
- Tailored Back Office Windows application for local control.
- REST API for System Integration
- System Bypass switch, can be remotely located.
- 24 VAC Output
- 2 X 10 / 100 Ethernet Ports
- 2 RS-232 Ports
- USB Host Port
- USB Device Port
- RS-485 Port
- CAN Bus
- UL 508A
- Box Dimensions 16W x 24H x 7D
- Powered by 120 VAC, Power Conditioned inside box for reliability and long life.
- Remote upgradeable Firmware
- Compatible with Latitude FMD

Security Features

- Enterprise software can be hosted internally or in the cloud
- Outbound connections only (No requirement for a listening port)
- 2048 bit RSA keys with both client and server side certificates (Each Atlas FA has a unique certificate)

Learn how POWERVAR can save you money by visiting us at www.powervar.com/enterpriseservices.php