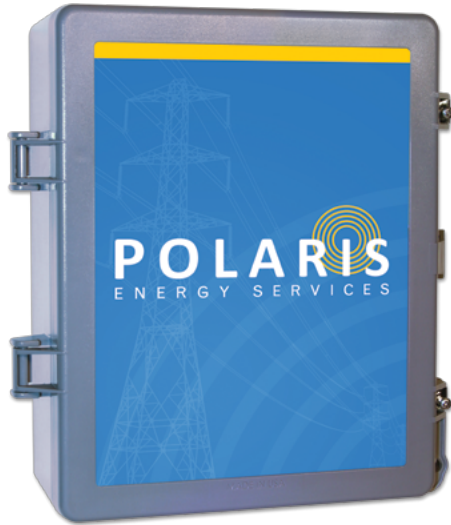


AERO Pump Automation Controller Specification Sheet



FEATURES

- Remote Automation & Control
- Monitoring: Flow, Pressure, Depth, Energy
- Compatible with Utility Automated Demand Response

APPLICATIONS

- Irrigation/ Water Pumping
- Food Processing / Cold Storage
- Water Treatment / Water Pumping
- Other Ag Electrical Loads

SPECIFICATIONS

INPUTS

- 10: Digital Dry Contact Inputs
- 2: 0 - 240VAC Inputs
- 1: 0 - 600VAC Input
- 1: 0 - 600VAC Analog Input
- 4: Analog Inputs (0-20mA & 0-5V)

RELAY OUTPUTS

- 1: 0 - 600VAC Relay Output
- 1: 0 - 240VAC Relay Output

COMMUNICATION

- 1: 16GB SSD (SD Card for Data Logging)
- 1: CAN Bus Port
- 1: RS232 Port w/Modbus (or other protocol)
- 1: USB Client Port
- 1: Ethernet Port w/Modbus (or other protocol)

PROCESSOR & MEMORY

- ARM Cortex M3 Processor
- 16MB Onboard Ram
- 4MB Onboard Flash
- Temp: -40 to +65 degC

POWER

- 5V & 12V External Power (For supplying external sensors)
- 24VDC & 120, 240, 480VAC fused power (Device runs on these power sources)
- Power Outage Detection and Battery Backup

WIRELESS CONNECTIVITY

- Either 1XRTT or LTE cellular Network Service on Verizon
- Report by Exception, Time Scheduled, Range and Stairstep Change
- OpenADR 2.0 certified (OADR a & b pending)