

Obvius AcquiSuite PV Advance



DESCRIPTION

Obvius UL508A Panels are designed for a wide variety of inverter, meter, and sensor data collection applications. The AcquiSuite PV Advance features our intelligent data acquisition server, full-data set bidirectional meter, and industrial cellular modem. Easy to use and drop-in ready for PV sites, the AcquiSuite PV Advance provides a complete, powerful and flexible solution.

OBVIUS ADVANTAGES

- Hardware and software agnostic system allows flexibility working with virtually any inverter and monitoring platform
- Ease of use for cost-effective and scalable commissioning in half the time—intuitive interface means no expertise needed to make configuration changes
- Multiple upload channels allow for data redundancy and software platform flexibility
- Diverse utility profile for a future-proof system, globally built to evolve with expanding industry and customer needs
- The SunSpec certified AcquiSuite leads the industry with more integrated SunSpec inverter models than any other data logger
- Live technical support—accessible expertise is a phone call away
- Remote assistance—our support team can quickly and easily access your AcquiSuite for troubleshooting and configuration errors
- Data backup—BMO 3.0 offers basic data monitoring and historical record keeping to pair with our industry-leading software partners
- Leading reliability—Obvius is a trusted name for industry leaders

PANEL PARTNER ADVANTAGES

- Complete UL hardware solutions for metering and data acquisition
- Competitive pricing
- Reduced lead times
- Simplified procurement
- Single point of contact for technical support
- Designed by field engineers to address installation pain points
- Proven reliability
- 5-year warranty

HARDWARE FEATURES

- SunSpec certified Obvius A8810 AcquiSuite is an open-ended data collection platform designed to work with virtually any device and upload to any monitoring front-end
- Veris E51 is a rugged bidirectional, full data set meter with 0.2% ANSI accuracy
- MultiTech 4G Ethernet modem provides either GSM or CDMA cellular connectivity—North American and International options available.
- Citel RS485 Surge Suppressor protects equipment from voltage surges
- Wide-range 100-277VDC power supply allows for flexible use in a variety of applications

Obvius

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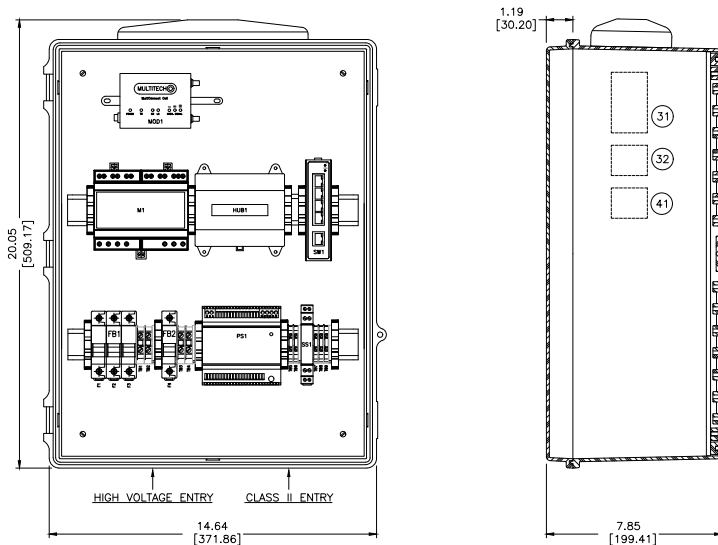
SPECIFICATIONS

COMPONENTS	
Data Logger	Obvius AcquiSuite EMB A8810
DC Power	Phoenix Contact Step-PS 277AC/24DC/3.5A
Cell Modem	Multi-Tech 4G Cellular Router with 3G fall back. GSM or CDMA. Device HQ enabled for cloud-based remote monitoring.
Meter	Veris E50 series, bi-directional, DIN mount, ModBus RTU, full data set, 0.2% accuracy. CT range: 5A-5000A.
Surge Suppressor	Citel DLA-12D3 RS-485 Surge Suppressor
DATA LOGGING	
Data Logging Interval	15-minute default. User configurable from 1 to 60 minutes. Speed Logging module available upon request.
Data Upload Interval	15 minute default. User configurable up to 1 minute.
Upload Channels	Up to 4 simultaneous upload channels
COMMUNICATION	
Remote Firmware Upgrades	Available
ModBus TCP	Approximately 100 devices per logger (subject to site conditions)
ModBus RTU	Approximately 32 devices per logger (subject to site conditions)
LAN	RJ45 10/100 Ethernet, full half duplex, auto polarity
Cellular (optional)	4G GSM/CDMA (North American and International options available)
Networking	DHCP or Static IP
COMPLIANCE	
SunSpec Certified, UL508A, CE, ETL	

ORDERING INFORMATION

CAT.NO.	DESCRIPTION
A508-80-1037	Obvius AcquiSuite PV Advance UL508A Panel (includes data acquisition server, full-data set bidirectional meter, and cellular modem)

PANEL DIMENSIONS



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Visit our website at: www.obvius.com

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