



Energy Information Made Obvius

Power Panel+

POWER PANEL+

The Obvius Power Panel+ provides a cost-effective and innovative approach to branch circuit monitoring and control. The Obvius Power Panel+ monitors voltage, current, power and energy consumption for mains and branch circuits. The information can be accessed over the network through a variety of protocols. Data updates occur roughly every two seconds to provide proactive maintenance information, such as user-configured low and high threshold alarms for any circuit. The Power Panel+ is ideal for new or existing applications and is your first step for participating in Demand Response load shedding programs or in preventing costly downtime from overloaded circuits or failed loads.

DATA COLLECTION

The Obvius Power Panel+ collects and logs data based on user-selected intervals. Data is time stamped and stored locally in non-volatile memory until the next scheduled upload or manual download. Using an Ethernet (LAN) connection you can push or pull data via HTTP, XML, FTP or any custom protocol utilizing our AcquiSuite Module to build your own application.

No software is required – easily access information through ANY web browser. There are several additional features including SNMP Traps, network configuration, security provisions and a backlit LCD for local display. Obvius has partnered with virtually every industry leading energy information/management software company for a complete solution.

REDUCE INSTALLATION COSTS

By combining the functionality of branch circuit breakers, metering and data acquisition into one convenient package, the Obvius PowerPanel+ significantly reduces wiring costs and saves on wall space.

RETROFITS MADE EASY

The Power Panel+ offers the same industry standard panelboard sizes allowing direct replacement of existing panels. Four screws and an Ethernet drop is all that it takes.

FLEXIBLE MOUNTING OPTIONS

- Surface or flush wall mount
- Raintight Enclosures
- Integration into Switchboards
- Retrofit to existing installations

APPLICATIONS

- Demand Response
- Energy Management Systems
- Building Automation
- Daylight Harvesting
- Lighting Control Systems
- Data Centers



**Color options available.*

ABOUT OBVIUS

Obvius manufactures data acquisition and wireless connectivity products specifically for energy management. We deliver cost-effective, reliable hardware designed to speed up installation. Our products are based on an open architecture allowing our customers to collect and log energy information from virtually any meter or sensor. The ability to support multiple communication options provides remote access to all your energy information. Founded in 2003, Obvius is located in Tualatin, Oregon. We serve a global clientele and continue to drive innovation by simplifying data collection.

SOLUTIONS

- Data Acquisition
- Wireless Communication
- Meters & Sensors
- Custom Packaged Solutions
- Integration & Software Partners

HEADQUARTERS

Tualatin, Oregon

CONTACT US

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Power Panel+

Obvius helps customers collect and distribute energy information. Users can begin with one best-of-breed product that satisfies a requirement, or incorporate several products and services for a complete energy management solution.

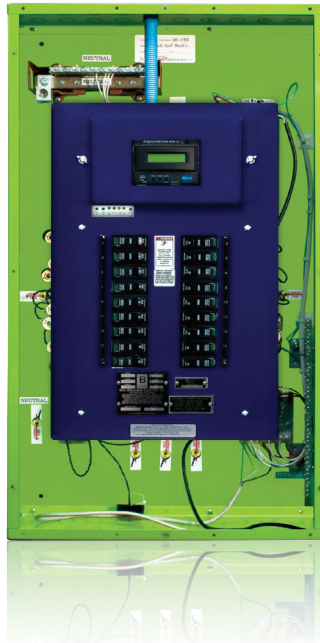
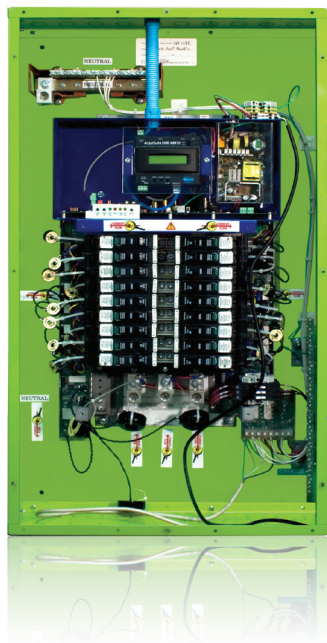
Specifications

Voltage Ratings	120V 1Ø2, 120V/240 1Ø2W, 208Y/120V 3Ø4W, 480Y/277V 3Ø4W				
AIC Ratings	65kAIC@240V Fully Rated to 100kAIC Series Rated 14kAIC@480Y277V Fully Rated to 65kAIC Series Rated				
Power Measurement	<ul style="list-style-type: none"> Mains Current Accuracy: 2% reading from 1-10% 1% of reading from 10-100%* Mains Voltage Accuracy: 1% of reading from 90 - 480V Line to Neutral Mains Power Data: Voltage, Current, PF, Hz, VARHrs, WHrs, kW, kWh Branch Current Accuracy: 1% of reading from 2 - 100A 2% of reading from 0.25 - 2A* Branch Power Data: Watts, PF, VAHrs, VARHrs, kW, kWh Data Update Rate: Less than 1 second for all branch circuits (all measured values) 				
Mains Configuration	100 Amp Main, Lugs Only, 225 Amp Main, Lugs Only, 400 Amp Main, Lugs Only, 600 Amp Main, Lugs Only 100 Amp Main Breaker, 225 Amp Main Breaker, 400 Amp Main Breaker, 600 Amp Main Breaker				
Circuit Breaker Options (6 to 48 branch circuits)	1 Pole	15 Amp Controlled	20 Amp Controlled	30 Amp Controlled	15 Amp
		20 Amp	30 Amp	40 Amp	50 Amp
		60 Amp	70 Amp	90 Amp	100 Amp
	2 Pole	15 Amp Controlled	20 Amp Controlled	30 Amp Controlled	15 Amp
		20 Amp	30 Amp	40 Amp	50 Amp
		60 Amp	70 Amp	90 Amp	100 Amp
3 Pole	15 Amp	20 Amp	30 Amp	40 Amp	
	50 Amp	60 Amp	70 Amp	90 Amp	
	100 Amp				

Communication

Protocols	Modbus/RTU, Modbus/TCP, TCP/IP, PPP, HTTP/HTML, FTP, NTP, XML, SNMP-Trap, BACnet IP (coming soon)
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*Per manufacturers specifications



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