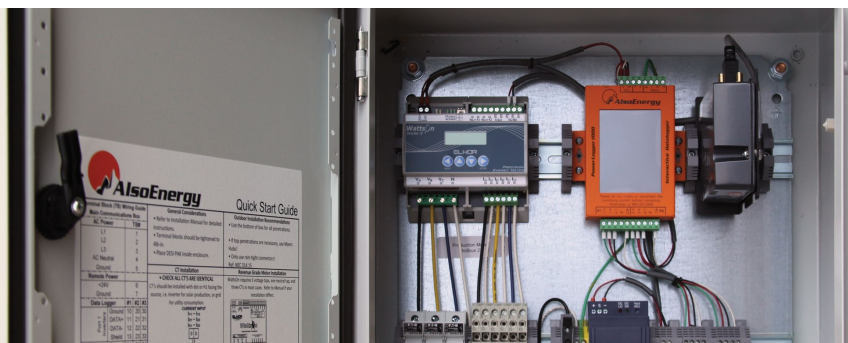


PowerLogger 1000: the Industry Standard for Cost and Performance

PowerLogger 1000 is the standard gateway device for AlsoEnergy's C&I Solution. The interactive touch screen display enables work on site without a laptop computer. The PowerLogger 1000 is mounted in an ETL-listed NEMA4 enclosure and combined with components such as power supply, cellular modem, network switch, and a revenue grade meter to make up a complete monitoring solution.



- Sends real-time field data and diagnostics information to AlsoEnergy platform
- Interactive touch display for field troubleshooting and commissioning without a computer
- Fully automated configuration
- Local data storage eliminates data gaps from lost network connectivity events
- Manual remote control for clearing inverter faults, turning inverters off and on, and operating switchgear where permitted
- User-adjustable sampling rates down to one minute
- Easy to redirect data feed if desired
- Extensively tested, listed to UL standards, and comes with a standard 5-year warranty

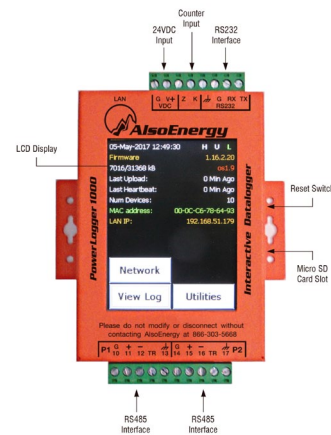


End-to-end solutions from AlsoEnergy provide the convenience and security of a single source provider for hardware, software, services, and support over the project lifecycle. PowerTrack features include advanced performance analytics and diagnostics, integrated CMMS job ticketing, and fleet management tools for asset managers such as reports, KPI displays, and portfolio aggregations.

Specifications

General

Devices supported	Up to 40 devices
Storage	Removable 2GB industrial rated micro SD card
Logging interval	Configurable down to 1 minute
Offline storage	2GB card provides approximately 35 days offline storage with 40 field devices logging at 1 minute intervals
Touch screen	Color, resistive touch screen 2" by 2.75"
Configuration	Remote automated configuration; local network setup
Firmware management	Remote firmware update capability



Interfaces

Ethernet	One 10/100 Ethernet port
Serial	Two 2-wire RS485 ports with integrated 120 ohm termination resistor; One standard 3-wire RS232 port
Primary protocols	Modbus TCP, Modbus RTU, DNP3, HTTP, HTTPS, Telnet, FTP, SNTp, SNMP, proprietary inverter protocols
Discrete I/O	One discrete input port configurable as general purpose input

Mechanical

Dimensions	3" tall x 2" wide x 1" deep
Construction (Chassis)	DIN rail mountable metal 3" tall x 2" wide x 1" deep

Environmental Rating

Operating Temperature	-40 to 85°C (-40 to 185°F), 10 – 90% relative humidity non-condensing
Storage Temperature	-40 to 85°C (-40 to 185°F)

Electrical

Input Voltage	12/24VDC nominal (8-33VDC)
Power Consumption	< 1.7W
Surge protection	Designed with protection against transients and ESD for use in harsh environments

Regulatory

Warranty	Standard 5 year warranty
Listings	Listed to UL 60950-1, CSA C22.2; FCC Part 15 Subpart B Class A

