OMNIPRO

95% GENERATOR FAILURES ARE PREVENTABLE WITH OMNIMETRIX

The OMNIPRO Commercial Monitor connects you instantly from anywhere to real-time & historical information on any number of sites, from a single generator to a fleet of various brands.

REMOTE VISIBILITY & CONTROL

The OMNIPRO wireless remote monitoring and control system is the reliable, cost-effective solution for backup power monitoring. It connects to all major generator brands & is Modbus compatible for access to diagnostic information directly from the genset & transfer switch controls. This unit has the ability to monitor key items that can lead to a generator system failing to start, including:

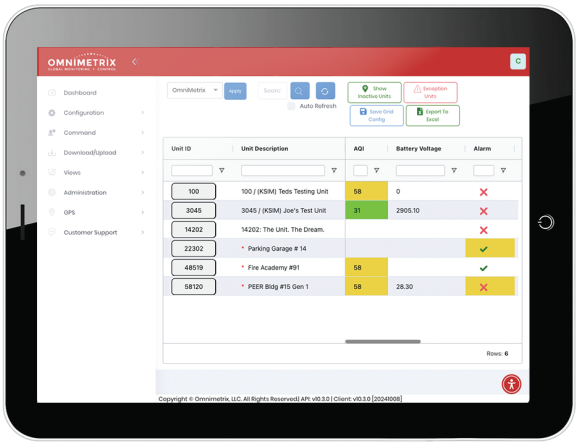
- Up to 1,000 alarms & parameters including: Battery Voltage, Fuel Level, Coolant Status, Missed Exercise/Alarms & much more
- Multi-color LEDs provide clear status information for troubleshooting
- Second RS485 & Digital Input to connect multiple generators, transfer switches, or use converters for Ethernet connections
- Ability to program exercises & run them remotely
- Air Quality Index integration to prevent exercises on bad air quality days

FAST, SIMPLE INSTALLATION & SUPPORT - FUTURE-PROOF DESIGN

- Fast & Simple – Swappable, color-coded cables & modular wiring make repairs, install times & upgrades fast
- Future-proof - USB-C connection & patented, over-the-air programming & updates/improvements at no additional charge

OMNIVIEW AND SECURE DATA:

OmniView is our secure, online Data Management Center. It is the real power behind the monitoring & control system, enabling you to make informed decisions 24/7/365.



OMNIVIEW OFFERS:

- Interactive 24/7 access
- Instant alarm notification via email or SMS text
- Detailed alarm / fault display & history
- Informative standard and custom reports
- Service trouble ticket & escalation program
- Secure & redundant servers with data archiving
- Remote diagnostics
- No software to download
- Remote control (Including start / stop)

All OmniMetrix monitors feature over-the-air feature enhancements along with auto-updates in the field. Users can view equipment data & alarm status through our data management center, OmniView.

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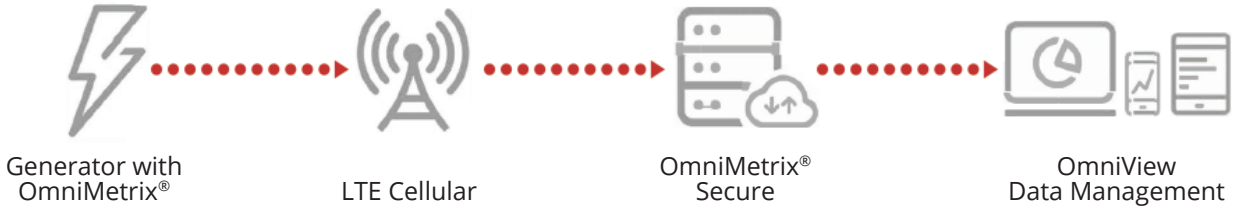
TECHNICAL SPECIFICATIONS



FEATURES:

- Temperature - Onboard Sensor
- LEDs - Five, multi-color, Status LEDs
- Asset Tracking - Low Power Asset Tracking Capability
- Modbus - Up to 1000 Modbus Alarms & Up to 1000 Modbus Analog Parameters
- Processor - LX7 Dual Core Processor. Up to 240MHz operating frequency. 8MB of PSRAM. 16MB of Flash

DEVICE DETAILS:

- Input Voltage - Min: 6Vdc. Max: 30 Vdc
- Current Draw - Min: 30mA @ 24 Vdc. Max: 1A
- Standby / Low Power Current. Max: 50uA
- Temperature - Min: -40C. Max: 80C
- Humidity - Min: 0. Max: 95% (Non-Condensing)
- Size - 5.5 in x 4.515 in
- Weight - 1 lb
- Regulatory - PTCRB, FCC, AT&T, T-Mobile Certified

COMMUNICATION:

- Cellular - Global LTE (replaceable)
- Carriers - All Major US Carriers
- GPS/GNSS (optional) - GPS/GLON-ASS/BDS/Galileo/QZSS
- LAN/Ethernet - Via Adapter

INPUT / OUTPUT:

- Hardwire Inputs - 8 total, 0-33Vdc inputs
- Relay Output - Dual Relays (30Vdc, 2A)
- Modbus RS232 - Single (shared with 2nd RS485)
- Modbus RS485 - Dual (one shared with RS232)
- CANbus - Optional instead of second RS485
- Analog Input 16 Bit ADC Resolution - 2 channels. 4-20mA / 0-5Vdc / 0-100Vdc. Battery Voltage
- AUX Supply Output - 5V, 50mA max

OMNIMETRIX
GLOBAL MONITORING + CONTROL

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