A RELIABLE, COST EFFECTIVE & EASY TO USE REMOTE MONITORING FOR YOUR BACKUP GENERATOR

The OMNI Residential Monitor connects you instantly to your backup generator from anywhere.

REMOTE VISIBILITY & CONTROL

The OMNI Residential wireless remote monitoring & 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:

- 50 alarms & 50 parameters available including: Battery Voltage, Fuel Level, Coolant Status, Missed Exercise/Alarms & much more!
- Multi-color LEDs provide clear status information for troubleshooting
- Sleek, modern design that easily mounts to most surfaces via magnetic feet or screws
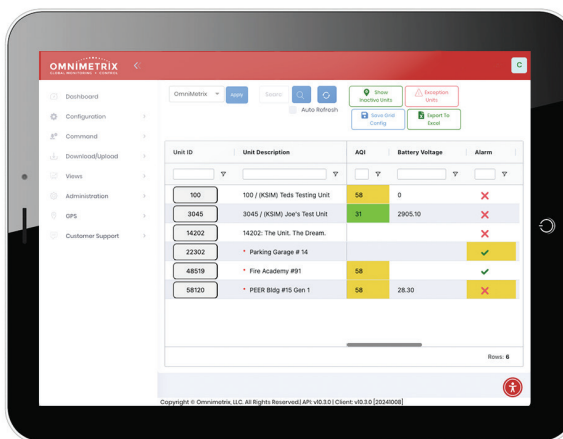

FAST, SIMPLE INSTALLATION & SUPPORT - FUTURE-PROOF DESIGN

- Fast – Most installs completed in under an hour
- Simple – Swappable, color-coded cables & modular wiring make repairs & upgrades simple in the field while reducing setup time significantly
- Futureproof - USB-C connection & patented, over-the-air programming & updates/improvements at no additional charge
- Remote technical support included

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.
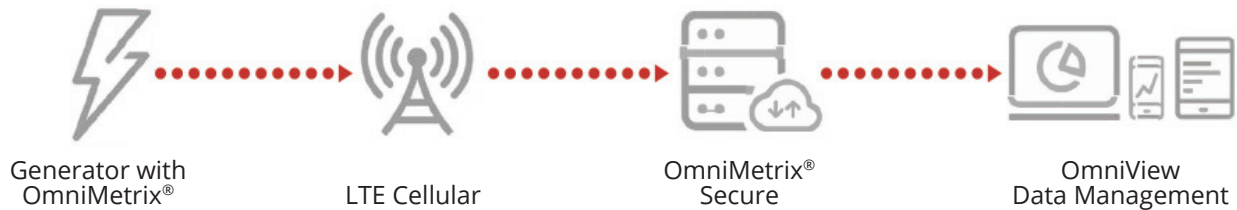

OMNIVIEW OFFERS:

- 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 offer 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.

OMNI

TECHNICAL SPECIFICATIONS

Generator with
OmniMetrix®

LTE Cellular

OmniMetrix®
Secure

OmniView
Data Management

FEATURES:
• **Temperature - Onboard Sensor**
• **Accelerometer - Onboard Sensor**
• **LEDs - Five, multi-color, Status LEDs**
• **Cybersecurity Certification**
• **Modbus - Up to 50 Modbus Alarms & Up to 50 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: 18 Vdc**
• **Current Draw - Min: 30mA @ 24 Vdc. Max: 1A**
• **Standby / Low Power Current - Min: 50 uA. 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, Verizon, T-Mobile Certified**

COMMUNICATION:
• **Cellular - Global LTE/CatM/5G (replaceable)**
• **Carriers - All Major US Carriers**
• **Bluetooth - Version 5.0**
• **GPS/GNSS (optional) - GPS/GLONASS/BDS/Galileo/QZSS**
• **LAN/Ethernet - Via Adaptor**

INPUT / OUTPUT:
• **Hardwire Inputs - 4 total, 0-33Vdc inputs**
• **Relay Output - Single Relay (30Vdc, 2A)**
• **Modbus RS232 - Single**
• **Modbus RS485 - Single**
• **Analog Input 16 Bit ADC Resolution - Battery Voltage**

OMNIMETRIX
GLOBAL MONITORING + CONTROL