

# **GEN**TRACKER™ Generator Monitoring System

## **Gen-Tracker *MBX Series***

The GT-MBX Series is the latest addition to the Gen-Tracker family of systems. These simple, affordable and reliable devices add to our proven track record, solidifying Generator Solutions as the leader in universal monitoring for standby generators. The MBX Series systems are cellular based devices that install at the generator, plugging into the generator controller's digital connections to provide a wide range of generator information including major faults, alarms, warnings, and more. These systems are compatible with our full and growing line card of Modbus supported generator controllers. Contact Generator Solutions, or your generator service provider to find out if the Gen-Tracker MBX is right for you.

### **Gen-Tracker provides:**

- **Accurate Information**
- **Real Time Alerts (Email/Text)**
- **Generator Run Documentation**
- **Peace of Mind**

### **Commercial and Industrial Applications**

The Gen-Tracker MBX Series is the perfect fit for Commercial and Industrial applications with existing and newer generators. Receive notifications of generator functions, exercises, outages, and failures. Get automated and detailed reports for generator run conditions and monthly activity to help ensure that you stay in compliance with local emissions regulations and load shedding programs.

### **Residential Applications**

The Gen-Tracker MBX Series systems are a compact and easy solution to provide you with peace of mind in that your home generator is going to run when you need it. Be notified the moment a failure occurs so you can work with your service company to remedy the issue before your next outage event.

# GEN-TRACKER *MBX Series*

## Specs and Capabilities

These low-profile systems mount in, on, or near the generator controller for a direct connection to the controller's Modbus output. In addition to the Modbus connection, the main wire-harness has independent battery and start-contact connections for battery condition and remote start capability. The additional auxiliary harness allows for independent fuel sensing and four additional programmable dry-contact alarms.

### ***GT-MBX-485***

Offers a dedicated RS-485 connection for Modbus enabled controllers to provide all your major faults and alarms, detailed reporting and more. Primarily commercial and industrial applications.

### ***GT-MBX-232***

Ideal for commercial applications, the GT-MBX-232 system utilizes an RS-232 Serial connection to a number of different controllers providing all of the critical and detailed information available directly from the generator.

### ***GT-MBx12***

Designed for residential and light commercial applications, this affordable solution plugs directly into your Generac Evolution, Nexus and pre-Nexus controllers. Informing you when the generator runs for exercise, outage, and any failures that may occur.

#### ***Specifications:***

##### **Dimensions**

- Enclosure:  
6.25" w x 6.5" d x 1.75" h

##### **Power Supply Requirements**

- 12V DC from generator
- -or- 24V DC from generator

##### **Communication Options**

- Cellular (4G LTE)

##### **Monitoring Inputs**

- Modbus (RS-485 / RS-232)
- 2-Wire Start Contacts
- Battery Condition

##### **Auxiliary Inputs**

- 4 Programmable I/O dry-contact
- 0-5vdc / 4-20ma Independent  
Fuel Sensing

##### **Remote Control**

- Remote start (unloaded)

##### **Signal Notifications**

- Full customization, unlimited notifications
  - E-mail
  - Text message

##### **Additional Alarms**

- Panel status changes

##### **Internet Access**

- Signal history maintained indefinitely
- Remote starts

##### **Other Features**

- Expansion port
- Multiple exercise schedules