



PowerHawk Emergency Mobile Power/First Response Vehicle on View at the Utah Auto Expo

by PR or Business News Wire

The PowerHawkEMP (Emergency Mobile Power / First Response Vehicle) from Power Innovations International, Inc. of Lindon will display twill be on display January 12-15 at the Utah Auto Expo in the South Town Exposition Center. The vehicle will be featured in the Ford exhibit.

Implementing unique power independence technologies, the PowerHawk is a 3 to 50kVA scalable emergency mobile power / first response vehicle, with an on board 50kVA generator and scalable Uninterruptible Power Quality (UPQ) N+1 inverter system, which can deliver perfect quality power for critical services when utility power is compromised or non-existent.

This first-of-its-kind vehicle is customizable for various municipality, military, and government applications. Among its many applications, the PowerHawk can provide power for a remote rescue base station, back critical services for a medical facility in a disaster, or power a remote military operation.

PowerHawk utilizes an array of UPQ inverter and battery modules, configurable for load, voltage, frequency, phase, and backup time. PowerHawkEMP is configured and equipped for paramedic, fire and other first response requirements. The vehicle is guided via satellite GPS, provides emergency site lighting while on location, as well as scalable battery backup and an on-board 50kW generator.

The concept vehicle and predecessor of the PowerHawk was conceived and commissioned to provide emergency mobile power for the Salt Lake City 2002 Olympic Winter Games venues in the event of power failure. The vehicle ensured that quality power was available, even when utility failures occurred.

"We work with other clients where power is a critical issue," said Robert Mount, president and CEO of Power Innovations. "Several of them learned about the truck we used for the Olympics, and they could see applications in their areas – military, oilfield exploration, homeland security, disaster response and firefighting."

The PowerHawk has been a large project for the Utah company, which formed its relationship with Ford and carefully defined the market and customer needs before building a commercial unit. The Utah Auto Expo is the first official showing of the PowerHawk.

“We are happy with the reception and high marks the vehicle has received from our current customers,” Mount said. “The PowerHawk will begin a national tour next month; but we are excited to introduce it here in Utah first. We have invited government, law enforcement, and emergency response teams (fire, paramedic, etc.) from throughout the region to come and get an early look.”