

# URC-200 Uninterruptible Emergency Transceiver System

*AC or DC uninterruptible power with the UAD-100 Power Supply*

- Versatile alternative to the PET-2000
- Rugged flexibility to operate in UHF and VHF spectrum and AM and FM bands
- Meets FAA ATC emergency communications needs
- Flexible VHF/UHF AM radio operation plus “Jerk and Run” capability with Uninterruptible Power Supply
- Provides back-up, emergency communications in a ruggedized, lightweight package



*URC-200 Line-of-Sight transceiver with AC or DC uninterruptible power supply*

## Back-up Emergency or “Jerk and Run” Communications

The General Dynamics URC-200 Uninterruptible Emergency Transceiver System combines the proven reliability of our URC-200 Transceiver with the UAD-100 Uninterruptible Power Supply for critical back-up emergency communications. The URC-200 Transceiver has long been a standard for multi-band, multi-mode radios. The UAD-100 provides uninterruptible AC or DC

power to the URC-200 Transceiver for use during power failures, accidents or other disruptions to the airport or air traffic control center communications. Or, if an emergency forces air traffic controllers to leave the tower or make a fast exit from a site, the URC-200/UAD-100 System provides “Jerk and Run” capability so it can be operated as a portable emergency transceiver.

## Versatile Alternative to PET-2000

The URC-200 Uninterruptible Emergency Transceiver System is more versatile than the PET-2000 since it is multi-mode and multi-configurable. The versatile URC-200 offers rugged flexibility to operate in the UHF and VHF spectrum with the capability of AM and FM modulation.

With a wide range of accessories and band enhancement options, the URC-200 has the capability of adapting to a broad variety of application needs.

## The URC-200 LOS Family of Radios

General Dynamics designed its Line-of-Sight (LOS) URC-200 equipment to provide highly dependable service and to withstand the most demanding, harsh treatment and situations in the field. With a demonstrated reliability of over 85,000 hours, this multi-band, multi-mode radio is highly versatile, easy to use and adaptable to many different applications, including manpack, rackmount, vehicular and intercom.

The URC-200 can be used with KY-57 or KY-58 encryption equipment for secure communications.

The RS-232 interface allows remote control access for the transceiver.



*UAD-100 AC or DC Uninterruptible Power Supply mounted on the URC-200 transceiver*

## The UAD-100 AC or DC Uninterruptible Power Supply

The UAD-100 Power Supply provides AC power connectivity as well as uninterruptible DC power for the URC-200 transceiver. The power supply contains a high-efficiency AC and DC power unit with a rechargeable backup battery pack and charger with control circuits that allow the user to operate the transceiver from any AC power source worldwide.

The UAD-100 supplies uninterruptible DC power to the transceiver, while keeping the internal rechargeable battery pack in a fully charged state. During an AC or DC power failure, the battery pack automatically connects to the URC-200 Transceiver to provide approximately 1.5 hours of uninterruptible power in 9 to 1 Rx to Tx duty cycle. An optional second battery pack can be placed inside the unit to double the battery operating time up to three hours.

It provides continuous worldwide operation from 85VAC to 270VAC/47-440 Hz and has a wide DC input range of 9 to 36VDC.

One rechargeable battery, one external AC cable, one external DC cable and one operation/maintenance manual are included.

## GENERAL DYNAMICS

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