



Battery Backup Unit

6160-110-24-NR, 6160-220-24-NR



The RF Experts

The Battery Backup Unit models are designed to provide uninterruptible backup voltage for signal boosters. The backup supply is provided by a pair of high capacity lead acid batteries housed in a NEMA4 enclosure, and can maintain full continuous operation of the signal booster for a minimum of either 12 or 24 hours. The unit has an integrated battery charger and monitor system that maintains peak battery level when the main power source is present. The system provides LED status indicators and auxiliary alarm connections for remote monitoring. When used in conjunction with a Rescueline™ signal booster, the battery backup system provides a fully compliant solution to NFPA72, NFPA1221, or IFC.

SPECIFICATIONS

AC Input	120 VAC 60 Hz at 3.3 Amp
DC Output	24 VDC at 10 Amps (max load)
Remote Alarm Outputs	Charger Fail, Low Battery Capacity, and Loss of AC
Alarm Contacts	Form C, 1A @ 30VDC, 0.5A @ 120VAC
Status LED Indicators	AC Fail Low Battery Status, with different blink rates
Operating Temperature Range	0 to 50 °C
Batteries	
6160-110-24-NR	(2) - 110 Amp-hour
6160-220-24-NR	(4) - 220 Amp-hour
	Maintenance free sealed lead-acid
Cabinet	NEMA 4 Enclosure
6160-110-24-NR	18" W x 26" H x 15" D for 110 Ah unit
6160-220-24-NR	31" W x 26" H x 15" D for 220 Ah unit
Weight	
6160-110-24-NR	~210 lbs for 110 Ah unit
6160-220-24-NR	~400 lbs for 220 Ah unit (with batteries installed)

PRODUCT SELECTION GUIDE

Booster family	Number of backup hours needed	Battery backup
All standard LMR booster models (SBII, SBII+, SBIII - single or dual band)	12	110 Ah
SBII and SBII+ single band	24	110 Ah
SBII and SBII+ dual band	24	220 Ah
SBIII single or dual band	24	220 Ah

Model Number	Description
6160-110-24-NR	Signal Booster Battery Backup Unit, 110 Amp-hour, 24VDC output, NFPA, Red
6160-220-24-NR	Signal Booster Battery Backup Unit, 220 Amp-hour, 24 VDC Output, NFPA, Red

