

Product Specification

ADRF-BBx-N4 Series (12V / 24V / 48V Battery Backup Solutions for Public Safety Applications)



- NFPA 2016 compliant including 12-hour runtime, battery disconnect alarm, and NEMA 4 compliant enclosure
- Increase runtime by adding unit using parallel cable (ADRF-BBX-CBL-21P)
- Increase voltage by adding unit using series cable (ADRF-BBX-CBL-21S)
- Available in 12V, 24V, 48V solutions
- Includes single cable between battery and DAS / repeater
- NEMA4 certified

Electrical Specification

	ADRF-BBS-N4-12	ADRF-BBL-N4-12	ADRF-BBS-N4-24	ADRF-BBL-N4-24	ADRF-BBL-N4-24 x2	ADRF-BBS-N4-24 x2
Operating Voltage	12V	12V	24V	24V	24V / 48V	48V
Battery Capacity	100Ah	240Ah	50Ah	120Ah	240Ah / 120Ah	50Ah
Configuration	Parallel	Parallel	Series	Series	Parallel / Series	Series
Battery Type	Lead Acid	Lead Acid	Lead Acid	Lead Acid	Lead Acid	Lead Acid

Mechanical Specification

	ADRF-BBS-N4-12	ADRF-BBL-N4-12	ADRF-BBS-N4-24	ADRF-BBL-N4-24	ADRF-BBL-N4-24 x2	ADRF-BBS-N4-24 x2
Dimension	15.0 x 11.4 x 9.34 in.	15.6 x 16.7 x 10.8 in.	15.0 x 11.4 x 9.34 in.	15.6 x 16.7 x 10.8 in.	15.6 x 16.7 x 10.8 in. (x2)	15.0 x 11.4 x 9.34 in. (x2)
Weight	82.5 lbs.	195 lbs.	82.5 lbs.	195 lbs.	195 lbs. (x2)	82.5 lbs. (x2)
Weather Resistance	NEMA 4	NEMA 4	NEMA 4	NEMA 4	NEMA 4	NEMA 4
Cooling	Air Convection	Air Convection	Air Convection	Air Convection	Air Convection	Air Convection
Mounting Type	Ground (with wheel locks) or Wall (includes brackets)	Ground (with wheel locks)	Ground (with wheel locks) or Wall (includes brackets)	Ground (with wheel locks)	Ground (with wheel locks)	Ground (with wheel locks) or Wall (includes brackets)

Battery Runtime

	ADRF-BBS-N4-12	ADRF-BBL-N4-12	ADRF-BBS-N4-24	ADRF-BBL-N4-24	ADRF-BBL-N4-24 x2	ADRF-BBS-N4-24 x2
ADXV PS HE (for 4 RU / 8 RU)	26.6 / 18.1 hours	63.8 / 43.5 hours	--	--	--	--
ADXV-R-3378P-N4X	--	--	25.4 hours	61.2 hours	--	--
ADXV-R-25VU-N4X	--	--	23.2 hours	55.8 hours	--	--
FiRe-78-4	--	--	12.5 hours	30 hours	--	--
FiRe-78-4 + FiRe-AAI	--	--	11.7 hours	28.1 hours	--	--
PSR-78-9533 (single/dual band)	--	--	11.8 / 9.4 hours	28.8 / 22.8 hours	--	--
PSR-78-9533 (dual band @ 1W)	--	--	10.1 hours	24.3 hours	--	--
PSR-78-9537 (single/dual band)	--	--	7.2 / 6.2 hours	17.4 / 14.9 hours	34.8 / 29.8 hours	--
PSR-VU-9537 (VHF/UHF)	--	--	--	--	30.7 hours	12.8 hours

Specifications are subject to change without notice. ©2018 Advanced RF Technologies, Inc.