

ADRF-BBL-U Series

(12V / 24V / 48V Battery Backup Solutions for ADRF Public Safety Repeaters/DAS)



Product Features

- Tested, approved, and listed to UL 2524, Second Edition by Underwriters Laboratories with PSR-78-9533-U, and PSR-78-9537-U
- Includes single cable between battery and DAS / repeater
- NFPA and IFC code compliant with up to 24-hour runtime and battery disconnect alarm
- Increase runtime by adding unit using parallel cable (ADRF-BBX-CBL-21P)
- Increase voltage by adding unit using series cable (ADRF-BBX-CBL-21S)
- Optional wall mount kit available (ADRF-BBL-X-WMK)
- New integrated wiring compartment with terminal blocks for easy installation

Electrical Specifications

	ADRF-BBL-U-12	ADRF-BBL-U-24	ADRF-BBL-U-24 (x2)
Operating Voltage	12V	24V	24V / 48V
Battery Capacity	240Ah	120Ah	240Ah / 120Ah
Configuration	Parallel	Series	Parallel / Series
Battery Type	Lead Acid	Lead Acid	Lead Acid

Mechanical Specifications

	ADRF-BBL-U-12	ADRF-BBL-U-24	ADRF-BBL-U-24 (x2)
Dimension	17.34 x 22.06 x 12.14 in.	17.34 x 22.06 x 12.14 in.	17.34 x 22.06 x 12.14 in. (x2)
Weight (Enclosure)	46.7 lbs.	46.7 lbs.	46.7 lbs.
Weight (Batteries)	70.0 lbs. (x 2)	70.0 lbs. (x 2)	70.0 lbs. (x 4)
Weather Resistance	Type 4 (UL50/UL50E)	Type 4 (UL50/UL50E)	Type 4 (UL50/UL50E)
Cooling	Air Convection	Air Convection	Air Convection
Mounting Type	Ground (with wheel locks) or Wall (optional brackets)		

Battery Runtime

	ADRF-BBL-U-12	ADRF-BBL-U-24	ADRF-BBL-U-24 (x2)
ADXV PS HE (for 4 RU/8 RU)	63.8 / 43.5 hours	-	-
ADXV-R-3378P-N4X	-	61.2 hours	-
ADXV-R-25VU-N4X	-	55.8 hours	-
FiRe-78-4	-	30 hours	-
FiRe-78-4 + FiRe-AAI	-	28.1 hours	-
PSR-78-9533-U (single / dual band)	-	28.8 / 22.8 hours	-
PSR-78-9533-U (dual band @ 1W)	-	24.3 hours	-
PSR-78-9537-U (single / dual band)	-	17.4 / 14.9 hours	-
PSR-VU-9537-U (VHF / UHF)	-	-	30.7 hours

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