

ADRF-BBS-U Series

(UL 2524 Listed 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 compliant
- Increase runtime by adding unit using parallel cable (ADRF-BBX-U-CBL-21P)
- Increase voltage by adding unit using series cable (ADRF-BBX-U-CBL-21S)
- Available in 12V, 24V, 48V solutions
- Optional wall mount kit available (ADRF-BBS-X-WMK)
- New integrated wiring compartment with terminal blocks for easy installation

Electrical Specifications

	ADRF-BBS-U-12	ADRF-BBS-U-24	ADRF-BBS-U-24 (x2)
Operating Voltage	12 V	24 V	48 V
Battery Capacity	96 Ah	48 Ah	48 Ah
Configuration	Parallel	Series	Series
Battery Type	Lead Acid	Lead Acid	Lead Acid

Mechanical Specifications

	ADRF-BBS-U-12	ADRF-BBS-U-24	ADRF-BBS-U-24 (x2)
Dimension	16.15 x 17.34 x 12.14 in.	16.15 x 11.23 x 10.25 in.	16.15 x 11.23 x 10.25 in. (x2)
Weight (Enclosure)	30 lbs.	30 lbs.	30 lbs. (x2)
Weight (Batteries)	29.8 lbs. (x 2)	29.8 lbs. (x 2)	29.8 lbs. (x 4)
Weather Resistance	NEMA 4	NEMA 4	NEMA 4
Cooling	Air Convection	Air Convection	Air Convection
Mounting Type	Ground (with wheel locks) or Wall (optional brackets)		

Battery Runtime

	ADRF-BBS-U-12	ADRF-BBS-U-24	ADRF-BBS-U-24 (x2)
PSR-78-8527-PKG (single / dual band)	-	13.2 / 12.5 hours	-
PSR-78-9533-U (single / dual band)	-	11.4 / 9.0 hours	-
PSR-78-9533-U (dual band @ 1W)	-	9.9 hours	-
PSR-78-9537-U (single / dual band)	-	8.4 / 5.8 hours	-
PSR-VU-9537-U (VHF / UHF)	-	-	13.9 / 13.5 hours

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