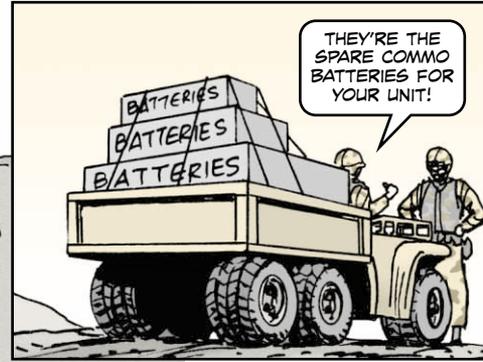


Batteries...



NEW ZINC-AIR GIVES YOU A CHOICE

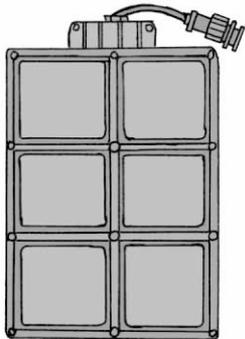
Your patience and your endurance can be stretched to the limit by hauling all the batteries you need for extended missions. A new zinc-air battery, BA-8180/U, NSN 6135-01-500-0572 can reduce the number of BA-5590s, BB-390s and BB-2590s you need to haul. For example, one non-rechargeable, zinc-air connected to a reusable interface adapter can replace up to seven BA-5590s.

Three interface adapters let the BA-8180/U power non-ASIP AN/PRC-119, J-6634/U, NSN 5940-01-504-5597; ASIP AN/PRC-119F, J-6633/U, NSN 5940-01-504-3218; and BA-5590 eliminator, J-6632/U, NSN 5940-01-504-3217.

The zinc-air battery is made of two 12 volt strings which can be wired in parallel to provide 56Ah at 12 volts or wired in series to provide 27 Ah at 24 volts.

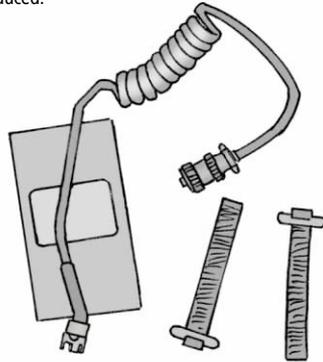
BA-8180/U Non-rechargeable Zinc-Air battery, NSN 6135-01-500-0572

This BA-8180/U is a 12/24 Volt, 800 watt hour, 56Ah primary (non-rechargeable) zinc-air battery pack. The bottom line: One 6 lb. BA-8180/U connected to a reusable interface adapter can replace up to 5 BA-5590s for extended missions. Example: 7 days in an AN/PRC-119F, 20 hours in JAVELIN CLU (surveillance mode only), 5 days in older AN/PRC-119B. Re-supply is reduced, spare battery "dead" weight on your back is reduced and impact on unit's budgets is reduced. Save your BA-5590s, BB-390s or BB-2590s for shorter 12-36 hour missions.



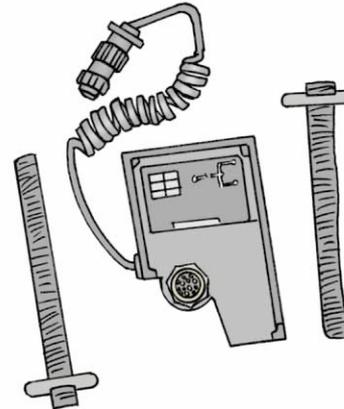
J-6634/U SINCARS 119 B Adaptor for BA-8180 Zinc-Air Battery NSN 5940-01-504-5597

This interface adaptor provides compatibility between the BA-8180/U zinc-air battery and the AN/PRC-119, SINCARS (non-ASIP version) radio. The BA-8180/U is a 12/24 Volt, 800 watt-hour, 56ah primary (non-rechargeable) zinc-air battery pack. One 6 lb BA-8180/U connected to this reusable interface adaptor can replace up to 5 BA-5590s for extended missions, up to 5 days in AN/PRC-119B. Re-supply is reduced, spare battery "dead" weight on your back is reduced and impact on unit's budget is reduced.



Operating Instructions for J-6633/U 119 FEI ASIP (119 F) Adaptor NSN 5940-01-504-3218

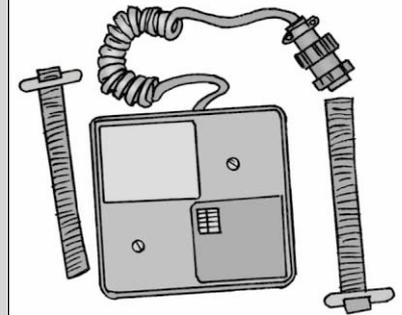
Remove existing battery. Close cover. Connect the adaptor to SINCARS (ASIP). Connect black connector of the adaptor to a BA-8180/U and operate the radio. To save battery power, disconnect adaptor from battery when radio is not in use.



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Adaptors for BA-8180 Zinc-Air Battery J-6632/U DPEI BA-5590 Battery Eliminator Adaptor NSN 5940-01-504-3217

This interface adaptor provides compatibility between the BA-8180/U zinc-air battery and various items of military equipment. The BA-8180/U is a 12/24 volt 800 watt-hour, 56Ah primary (non-rechargeable) zinc-air battery pack.



For more info on this new battery, check out the CECOM website at: <http://lrc7.monmouth.army.mil/ipm>

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