

[IF WE DIDN'T USE RECHARGEABLE BATTERIES] WE WOULD PROBABLY BE BROKE SIX MONTHS INTO THE FISCAL YEAR.

- MAJOR JEFF SCHILLING

THE BB-2590'S SAVED US. THERE WERE MANY TIMES WHEN WE COULDN'T GET AIRCRAFT DUE TO WEATHER FOR RESUPPLY. WITH THE EXTENDED RUN TIME ON THE BB-2590'S VERSUS BB-390, IT SAVED US.

- SSG JOHN WORTHEN

RECHARGEABLE BATTERIES HAVE BEEN CALLED THE WAVE OF THE FUTURE.

WELL, THE WAVE OF THE FUTURE HAS HIT THE BEACH!

IT'S HIGH TIDE FOR RECHARGEABLES AND HIGH TIME YOU GOT ON BOARD.

- MSG HALF-MAST MCCANICK



ALL ABOARD THE RECHARGEABLE TRAIN!

LET'S FACE IT, TROOPS: NO POWER, NO COMMO, NO COMBAT!

A PRIMARY SOURCE OF POWER FOR COMMUNICATIONS EQUIPMENT IS BATTERIES. WITHOUT THEM, NOBODY TALKS TO ANYBODY ABOUT NOTHIN'.

But batteries get used up and thrown away and more batteries need to be trucked in. Piles and piles of dead batteries grow and the logistics train is tasked to the max. The only thing that shrinks is your unit's pocketbook. That's why rechargeables are here and why you need to use them!

Here are the rechargeable battery NSNs; the NSNs for the chargers needed to recharge them; the NSNs for the adapters you need on the chargers; and some NSNs for other stuff you may need to get the most out of the batteries:

Rechargeable Batteries

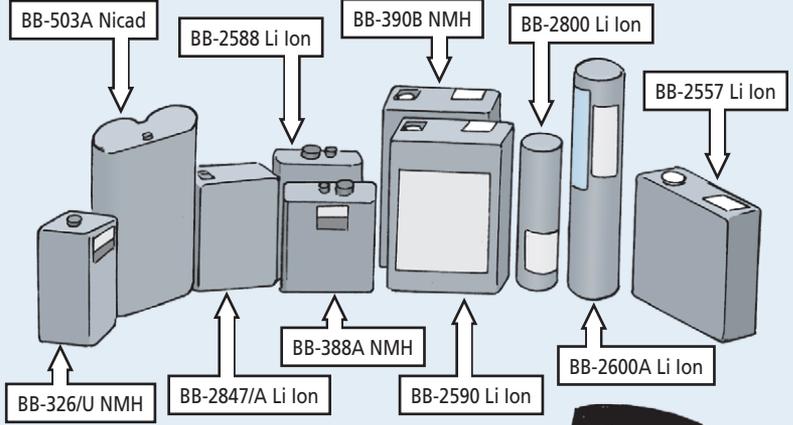
Rechargeable Battery	NSN 6140-01-	End Item Example	Non-chargeable Equivalent
BB-2590/U	490-4316	SINGGARS, M22	BA-5590/5390
BB-388A/U	490-4313	AN/PRC-126, FBCB2	BA-5588
BB-2588/U	493-7623	AN/PRC-126	BA-5588
BB-326/U	533-7674	MELIOS, AN/PVS-6	BB-516A/U
BB-2847A/U	493-8092	TWS, AN/PAS-13	BA-5347
BB-557/U	071-5070	REMBASS	BA-5557
BB-2557/U	490-5387	REMBASS, RAVEN	BA-5557
BB-2600A/U	490-4311	HTU	BA-5600
BB-2800/U	490-5372	PLGR, CAM	BA-5800
BB-2001A/U	534-3856	CSEL	BA-5301/U

BB-2590/U
NSN 6140-01-490-4316



REPLACE YOUR BB-390'S WITH THE BB-2590 FOR DRAMATIC RUNTIME IMPROVEMENTS AND LIGHTER LOADS.

JAVELIN USERS STILL REQUIRE BB-390B/L'S.



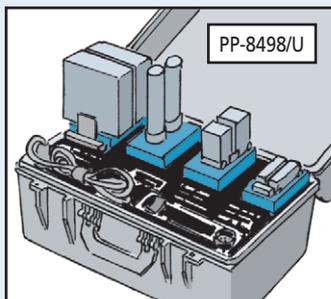
A QUICK TIP TO IDENTIFY BATTERIES...

...THE RECHARGEABLES START WITH BB AND THE NON-RECHARGEABLES, THE THROWAWAYS, START WITH BA.



Chargers

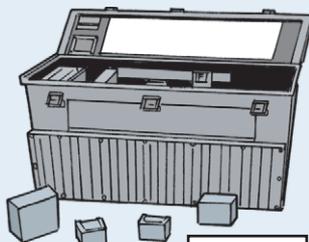
Charger	NSN 6130-01-	Description
PP-8498/U	495-2839	Soldier portable charger
PP-8481B/U	527-2726	Charger-on-the-move/vehicle mounted



PP-8498/U

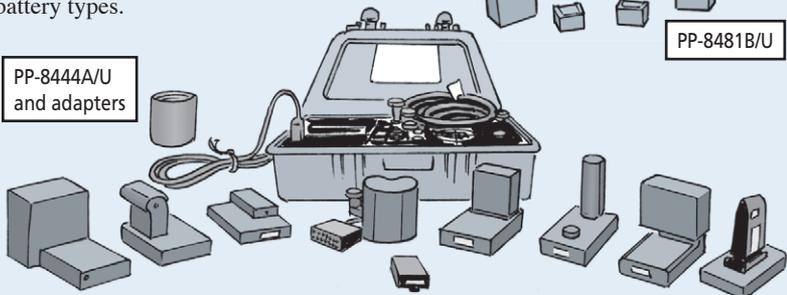
PP-8498/U is the latest and greatest table-top charger. It will hold eight batteries, charging two at a time before moving on to the next two. It will recharge every kind of rechargeable battery listed here.

The PP-8498/U and the PP-8481B/U are the only approved chargers that can charge the BB-2590/U. The obsolete PP-8444A/U will not do the job, but can still charge many battery types.



PP-8481B/U

PP-8444A/U and adapters



Accessories

To power a PP-8498/U from a vehicle's 24-volt NATO slave receptacle, order DC cable, NSN 5940-01-501-6714. To use this cable to power two PP-8498 chargers, order an add-on cable, NSN 5995-01-505-7883.

For the BB-390 battery, you will also need the self-discharge cap, NSN 6130-01-490-4310. The BB-2590 requires no discharge cap.

The Charger-on-the-Move, PP-8481B/U, has been upgraded to charge more BB-2590s faster and provide more expandability. The PP-8481B/U comes fully loaded with AC and DC cables and two universal adapters to hold and charge BB-2590, BB-390, BB-516, BB-326, BB-388, BB-2588, BB-2800, BB-2847 and MBITR batteries.

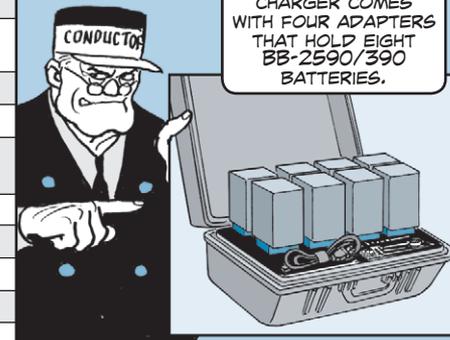
If you're using the new Charger-on-the-Move, you can order a bulk adapter with NSN 5940-01-494-7116 that holds four BB-2590s.

Adapters

Adapter	NSN 5940-01-	Battery
J-6358B/P	501-3312	BB-390B/U, BB-2590/U
J-6357A/P	493-6388	BB-388A/U, BB-2588/U
J-6356/P	427-9183	BB-516A/U, BB-326
J-6355/P	427-9247	BB-503A/U
J-6354/P	427-9278	BB-2847A/U
J-6523A/P	492-7328	BB-557/U, BB-2557/U
J-6521/P	467-8813	BB-2600A/U
J-6587/P	493-6750	BB-2800/U
J-6588/P	493-6751	MBITR
J-6589/P	493-7622	AA
J-6769A/P	544-3476	CSEL

TO MAKE THE PP-8498/U BATTERY CHARGERS DO THEIR CHARGING JOB, YOU'LL NEED ONE OF THESE ADAPTERS TO INTERFACE BETWEEN THE CHARGER AND THE BATTERY IT'S CHARGING.

THE PP-8498/U CHARGER COMES WITH FOUR ADAPTERS THAT HOLD EIGHT BB-2590/390 BATTERIES.



Moving Out

Whether in training or in combat, a good rechargeable battery program needs a good SOP. Find help in writing an SOP at the rechargeable battery website:

<https://irc3.monmouth.army.mil/cecomlrc/index.cfm>

Click on Customer Support, then Battery Support, then on Rechargeable Battery Program.

SET UP A GOOD RECHARGEABLE BATTERY SHOP BY KEEPING...



- a dedicated charging area that is organized
- charging and discharging batteries separately
- maintainers trained in basic battery maintenance and management
- batteries charged seven or fewer days prior to mission
- a budget for replacement batteries

Remember, stored rechargeables will permanently lose capacity, so charge them at least every six months and more often in hot environments. If you're using them, you're charging them and you should get about three years of life from them.

Rechargeables, like all batteries, need to be stored correctly, handled safely and disposed of properly. Some rechargeables are under warranty and that will dictate how you dispose of them.

For more information on rechargeable batteries, contact _____ at DSN 992-4948, (732) 532-4948, or email: _____

@us.army.mil

