

Happy Holidays to all from PulseTech! Our sincere gratitude and recognition goes out to our troops, marines, airmen and others who are away from their friends and families during the holiday season. **We at PulseTech want to thank you and truly appreciate the sacrifices you make on behalf of our great nation!**



OK...back to battery maintenance and some good news for those high speed ARMY and USMC Maintainers out there! You can now upgrade your 2008 or newer ProHD with the latest operating system (Version E) at about half the price via NSN. This is the standard charger on all ARMY SATS, authorized in lead acid battery TM 9-6130-200-13 / TB 9-6130-252-13, and the USMC Lead Acid Battery Management program.



ProHD Charger
NSN 6130-01-500-3401



ProHD - Replacement Insert
NSN 6130-01-645-5003

On 1 Dec, 2015 the ARMY was added as an authorized user (USMC was already listed earlier this year). We know that budgets are tight, so when it's time to replace your older ProHD you can now just replace the insert which fits easily into the older steel housing (tan color). You can then utilize your existing charging cables / power cord and save some significant \$ instead of purchasing a whole new system.

The drop in replacement comes with all the same great ProHD features which has made this the military standard for on platform charging! A few of the new Features include:

- Redesigned charging control board with:
 - Significantly longer life span.
 - Integrated 100-250Vac power supply for higher CFM cooling fans.
 - Replacement NSN for Version E controller board already assigned.
- 2 new version 45 Amp heavy duty step up power supplies, with replacement NSN.
- Capable of charging up 2 twelve 6T types batteries in series / parallel!

Please contact your supporting FSR (POC info bottom of page 2) for a complete listing of replacement parts for the ProHD charger, Pallet charger, 12 Station Bench Top charger, and even the 490PT+ diagnostic tester. As more NSNs are assigned our FSRs will push the info out to the field.

Website: WWW.PULSETECH.NET

Online PulseTech Military catalog: <http://read.dmtmag.com/i/493915-2015-military-catalog>

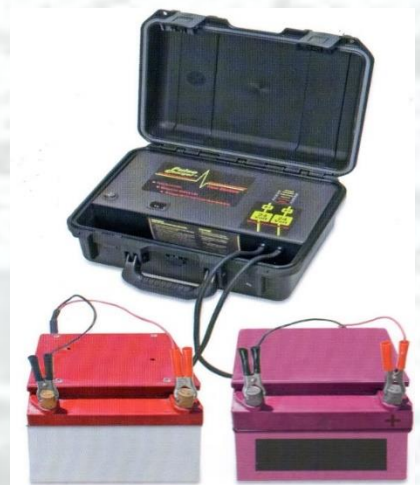


We consistently get questions on what a used 12V battery should reach / maintain for Vdc and CCAs. Many technicians believe that battery must reach its rated Vdc and CCAs to be considered serviceable. This may not be the case in many instances. Your TB (TB 9-6140-252-13) breaks this down quite nicely. It states that a good used 12V battery will recharge to voltages above 12.65 VDC (after rest period) and have a CCA rating of at least 90% when tested with a battery analyzer i.e. PT490. We 100% agree with this...See examples below:

| New Battery Rating | Good Used Battery Rating |
|---------------------|--------------------------|
| 12.9V with 1225CCAs | → 12.65V with 1103CCAs |
| 12.9V with 1100CCAs | → 12.65V with 1000CCAs |
| 12.9V with 800CCAs | → 12.65V with 720CCAs |

We get many questions on what is the best charger to use for smaller 24V batteries. That's an easy one...The 24V Dual Two-Station Pulse Charger!

- Microprocessor controlled 3.5 Amp charge rate with build-in battery diagnostics and our patented high frequency pulsation.
- Can simultaneously charge 2 separate 24V batteries.
- Works with all types of 24-volt lead acid batteries — flooded, maintenance-free AGM and gel type.
- Portable, heavy duty case.
- Low Energy use - Green Mode when not in use.
- **Currently CLIX in the military supply system.**



Dual 24V Charger
NSN 6130-01-609-9818

Reminder: On-site BMMP training and technical assistance visits are available to ALL Military organizations. If you have any questions about gear, SOP info, or would like to discuss training / assistance please contact one of our FSRs below.

FSR - Eastern US and International
USMC – II MEF
Roy Johnson
Email: rjohnson1@twcnny.rr.com

FSR - Western US and USAPAC
USMC – I MEF and III MEF
Tom Pigorsh
Email: tom.pigorsh@comcast.net

FYI: The latest Battery Maintenance Management Program (BMMP) training slides, previous Newsletters, and other pertinent information is available on our website: <http://www.pulsetech.net/Content/Applications/Military-LP.aspx>

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