

We are coming up quickly to the close of another FY, and as everyone knows it has been a very fiscally challenging year. We wanted to highlight some battery maintenance management programs which have **paid off in real cost savings totaling into the millions of dollars and dramatic reduction in man hours expended.** Real world Examples:

- **KY-National Gard:** Emplaced a program over several years and are continuing to see reduced annual lead acid battery consumption by 90% over prior years.
- **Camp Arifjan Kuwait:** A two-man team saved the Army more than \$7 million over an 18 month period by recharging batteries considered unserviceable.
- **1st BDE, 25th ID:** Implemented a program on Fort Wainwright Alaska in Jan 2013. Since implementation they have saved over \$137k and counting.
- **3rd BDE, 4th ID:** This FY, have recovered 1,520 batteries and saved over \$380k and counting.

The list goes on and on....you really don't have to spend a lot to make an immediate difference. The return on investment for all PulseTech gear is always extremely quick. The appropriate level of equipment should be based on your unit equipment density, mission, and personnel. Our two Field Support Reps (FSR POC info bottom of page 2) can assist with answering questions related to unit equipment density, charging assets, and Battery Maintenance Management Programs (BMMP).

Many units have added the capability of the CLIX Battery Service and Equipment Set to their equipment battling premature lead acid battery disposal. The BSES kit is a full spectrum TACOM approved Battery Maintenance System in a small affordable package. It provides diagnostics, preventive maintenance, and corrective maintenance solutions. It truly allows any size unit to set up a battery recovery and recharge operation anywhere in the world in a matter of minutes, and gives the maintainer instant capability to diagnose and recover batteries on or off the platform.

BSES Kit: NSN: 5180-01-541-9731, contains the following items, and is currently CLIX!

			 <p>MBT-1 Contains 10 Each Part No. 741x800 NSN: 6130-01-463-8499</p> 
<p>HD Pallet Charger Contains 1 Each Part No. 746x820 NSN: 6130-01-532-7711</p>	<p>Redi-Pulse Pro HD Contains 1 Each Part No. 746x800 NSN: 6130-01-500-3401</p>	<p>490PT+ Diagnostic Tester Contains 1 Each Part No. 741x491 NSN: 6130-01-510-9594</p>	<p>Redi-Pulse Pro-12 Contains 1 Each Part No. 746x912 NSN: 6130-01-535-2718</p>

Please contact your supporting FSR if you would like a detailed spec sheet for any equipment contained within the BSES kit.

Online PulseTech Military catalog: <http://read.dmtmag.com/i/87220>

We often get questions about what types of batteries our chargers can effectively de-sulfate and charge. This is really easy to address; **Our systems work with ALL types of lead acid batteries, including flooded, AGM, GEL and others. Our multiple battery charging systems (Pallet Charger, Bench Top 12 Station Charger, X2 Charger, and others) can not only charge all types, they can do it all at one time!** Great example is the pallet charger pictured to the right; this charger is simultaneously charging 12 batteries of varying types. This is safely and effectively accomplished as a result of microprocessor controlled isolated individual charging circuits utilizing PulseTech's patented Pulse technology.



24 V Pulse Solar Charger
NSN 6130-01-487-0035

Did you know that our revamped solar charging systems can make a huge difference in battery consumption rates? The newer 24Vdc systems today are very effective when adequate sunlight is available. They come standard with a 6.3 Watt output panel, utilize our patented High Frequency Voltage Pulsation, are extremely rugged, easy to install, and can save you time and money. The SPCMS (right) is not hard wired in, and plugs into the slave receptacle. These panels are being stocked by DLA and are available in the supply system:



24V Solar Pulse Charge
Monitor System
NSN 613-01-558-5371

Reminder: FREE on-site BMMP training and technical assistance visits are available to ALL military organizations. The only thing required is a request from the unit leadership. If you have any questions about PulseTech gear, or would like to schedule a training / assistance visit please contact one of the FSRs below.

BTW, our FSRs are both retired Army Maintenance Warrant Officers, and have successfully helped implement many successful Battery Maintenance Management Programs at multiple locations. They are available to help when you have problems with your gear or need some battery related info such as: **Provide user manuals & detailed specification sheets, on-site assistance, and Troubleshooting steps. Troubleshooting Examples: Charger will not function on a GFI protected circuit, charger questions, diagnostic tester questions, long term storage options, SOP examples, NSNs, CCAs, etc...**

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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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