

# Your Battery Maintenance Solution Source

## US Air Force Newsletter #1

**Hello to all the AF AGE and ground equipment maintainers out there!** This is our first official newsletter dedicated specifically to the US Air Force AGE and ground equipment folks in the field. In our newsletters we strive to get straight to the point and provide useful battery maintenance information. If there is something you want to share or see covered in future newsletters just let us know.

Did you know that the AF AGE TO 1-1A-15 was updated to include multiple pieces of PulseTech equipment, which you are now authorized to utilize for your battery maintenance program? TO 1-1A-15 update includes the following additions:



**Pallet Charger**  
12V, 12 Station Charger  
Part# 746X820  
**NSN 6130-01-532-7711**  
Repairable at Unit level



**24VDC Pulse Solar Charger**  
Part# 735X640  
**NSN 6130-01-487-0035**  
**12VDC Pulse Solar Charger**  
Part# 735X740  
**\*NSN 6130-01-546-8432**

\*Both these solar applications include installation kits.



**\*ProHD Charger**  
12 / 24 V Charger  
Part# 746X800  
**NSN 6130-01-500-3401**  
Repairable at Unit level



**490PT+ Diagnostic Tester**  
12V Conductance Tester  
Part# 741X491  
**NSN 6130-01-510-9594**  
Replacement Thermal Paper:  
Part# 741X024 NSN 7530-01-357-6852.



**World Charger**  
12V Charger w/case  
Part# 746X725  
**NSN 6130-01-477-4703**



**Pro-12 Maintainer**  
12V – 12 Station Maintainer  
Part# 746X912  
**NSN 6130-01-535-2718**

In each Newsletter we will break down the capabilities of one of the items listed in the TO and try to address some pertinent information. This Newsletter we will focus on the Pallet Charger and address how to read the date of manufacture on an Optima battery (this is not as straight forward as you would think), see page 2 for details.

Website: [WWW.PULSETECH.NET](http://WWW.PULSETECH.NET)

Online PulseTech Military catalog: <http://read.dmtmag.com/i/922382-2018-military-catalog>

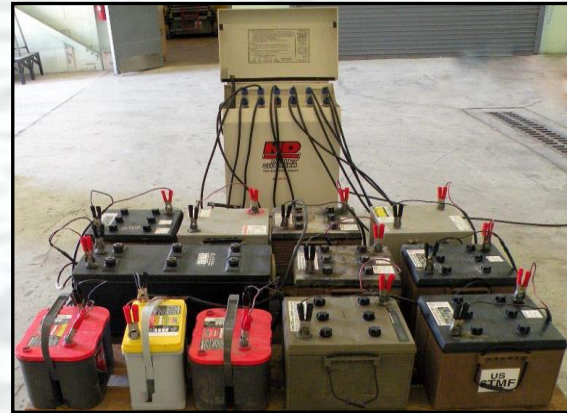


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The PulseTech Pallet Charger received its nickname from the Army, as it can charge a full pallet of batteries at once. This is a very advanced charging system for any 12V lead acid battery. Pallet Charger features:

- 12 individual Microprocessor controlled charging channels.
- Fully automated 24/7 charging system, One switch; on / off.
- Universal AC power input; 100 to 250Vac operation.
- All charging channels operate independently and in isolation from one another enabling the Pallet Charger to Simultaneously Diagnose, Recover, Charge and Maintain any combination of batteries (VRLA / AGM, Gel or flooded).



- Channels can be doubled up for faster charge and engaging deeply discharged batteries.
- Patented, High Frequency Pulse Technology algorithm application removes damaging sulfate crystals.
- Reverse polarity protected, with ruggedized steel military casing.
- Shop level repair: Charging cards, charging cables, power switch, and power cable all have part#s and NSNs!

### How do you tell the date of manufacture on the Optima batteries on your equipment?

Optima batteries use a Julian date sticker, which is placed on the side of the battery with a barcode.

To read the date of manufacture you use the first 4 numbers reading from left to right.

First digit - 3: This is the year of manufacture, 2013.

Next 3 digits - 209: The day of the year using a Julian calendar the battery was manufactured.

Manufacture date for this battery is 28 July 2013.



**Reminder: FREE On-site BMMP training and technical assistance visits are available to ALL Military organizations in CONUS.** For questions about gear, specs, troubleshooting, repair parts, example battery maintenance SOP or would like to discuss a training / assistance visit please contact your supporting Field Support Representative (FSR).

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