

Your Battery Maintenance Solution Source

US Air Force Newsletter #2

We received a good amount of positive feedback on our first Air Force specific Newsletter, and some good suggestions for future newsletters. Let us know if there is something you would like to see addressed in future newsletters.

The most frequent questions and comments were related to our solar applications. **TO 1-1A-15, change 7, Page 29-11, paragraph 29.15 states. "SOLAR CHARGING EQUIPMENT. PulseTech Solar Chargers have been approved for installation and use on Aerospace Ground Equipment as a means to trickle charge batteries to maintain long battery life."**

Page 29 - 14, Table 29 - 2 lists 2 solar applications:

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

12V Pulse Solar Charger - NSN 6130-01-546-8432

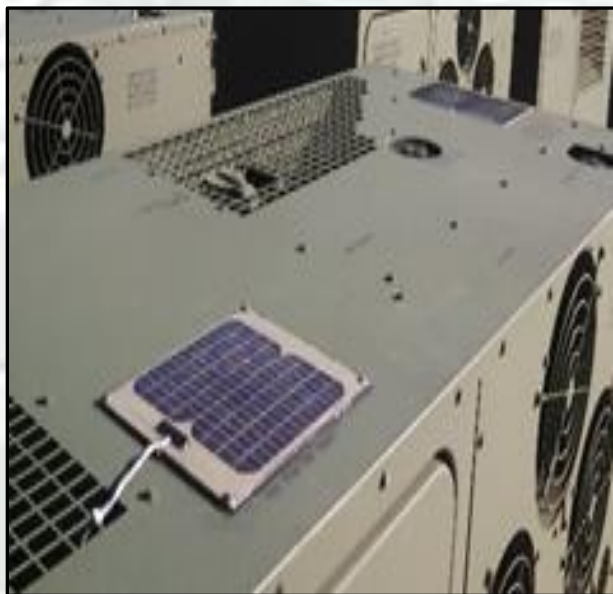
There are additional solar applications on page 8 of the PulseTech Military Gear Listing. If you don't have a copy your supporting FSR can send one.



Additional information on solar chargers / maintainers:

- Microprocessor controlled, High Frequency Pulsation, LED indicators.
- Extremely rugged, made with higher efficiency & quality crystalline silicon cells.
- Easy to install, no drilling nor modifications required. See below general guidelines.
- The 2 solar maintainers in the TO come with installation kits.

Things to keep in mind when installing PulseTech solar maintainers:



- **24V systems / batteries: Batteries should be at 24.5V+.** If below this, we recommend charge batteries before depending on solar maintainer.
- **12V systems / batteries: Batteries should be at 12.5+.** If below this, we recommend charge batteries before depending on solar maintainer.
- **Mount solar maintainers to achieve maximum sunlight throughout the day.**
- Remove excess wire. Kit comes with wire Connectors to ensure maximum amperage is pushed to batteries.
- Periodically check panels for cleanliness and serviceability.

Feel free to contact your support FSR with any additional questions you have.

Website: WWW.PULSETECH.NET

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

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The second piece of gear we received inquiries about was the World Charger listed on page 29-13 of the TO. The information in the TO is a bit out of date, and lists many of the features of the older World Charger. The newer World Charger is much improved over past versions and has a completely different look.



Older and Newer World Chargers
Same NSN 6130-01-477-4703



Newer World Charger features:

- **Microprocessor controlled charging channels which will automatically Diagnose, Recover, Charge and Maintain any 12V AGM, Gel or flooded battery.**
- **Patented, High Frequency Pulse Technology algorithm application (25k times per second) to remove damaging sulfate crystals.**
- **Colored LEDs indicate the battery's state of charge at 25%, 50%, 75% and 100%.**
- **Fully automated charging system with one switch; On / Off.**
- **Universal AC power input; Auto run on 100 to 250Vac operation.**
- **Output current limit protection, and over temperature protection.**
- **Capable of charging up to 3 batteries in parallel.**
- **Reverse polarity protected, with ruggedized plastic casing.**

Reminder: FREE On-site Battery Maintenance Management Program training and technical assistance visits are available to ALL Air Force AGE shops 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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