

Thank You for your service and hope everyone is having a great fall season!

Did you know that All batteries, even new in the box are required to be tested prior to installation? The reason behind this is that batteries can sit for months (or longer) prior to issue, and during this time they are discharging.

IAW TB 9-6140-252-13: A new 12V battery **MUST** be at 12.65V or above to install. If below this Vdc the battery should be charged prior to installation.

When installing a 6TAGM battery the date of installation must also be annotated on the yellow sticker. **This date tells a mechanic working on the equipment months (or even years) later when it was first placed into service. This is an important part of any BMMP.**



FACT: 6TAGM, Optima and the Teledyne 24V (for the 3KW battery) batteries all have a deep cycle capability.



What does this mean for your shop?

These batteries can usually be recovered from a deep discharge (even as low as 0 Vdc), and have an estimated 3-year MINIMUM service life!

These batteries should be tested and charged WITHOUT disconnecting cables OR removal from equipment for at least 3 years after installation!

This is a great man hour saving and proactive first step of any BMMP!

The label also states, “Use of approved testing and charging equipment is required.” See next page for the TM 9-6140-200-13 and TB 9-6140-252-13 approved PulseTech gear.

Approved PulseTech gear for testing and charging on the equipment, without removal of batteries:



390PT Diagnostic Tester
NSN 6130-01-580-3882
Tests 12V Batteries and is CLIX.



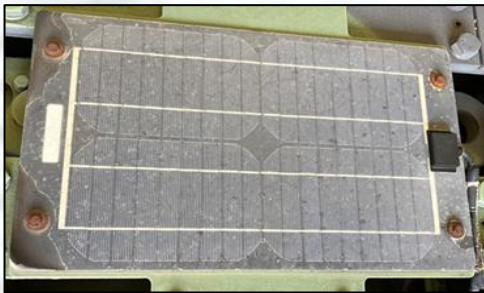
490PT+ Diagnostic Tester
NSN 6130-01-510-9594
Tests 12V Batteries and is standard on the SATS.



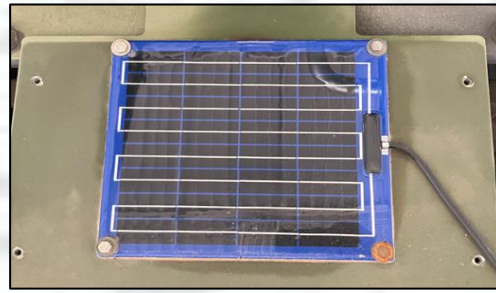
ProHD Charger 12/24V
NSN 6130-01-500-3401
Charges 12 / 24V batteries & systems. Newer chargers can charge up to 12 batteries in series / parallel.



Dual 24V Charger
NSN 6130-01-609-9818
Charges 24V batteries. Designed for the small dense 3KW 24V battery. Not recommended for use on 24V systems.



Example: Old non-regulated 12V panel.



Example: Replacement 12V, 5-Watt, panel

Looking for a replacement Solar application for your M1000 trailer solar charger? We have an easy fix! Simply remove the old non-regulated panel and install a new 12V, microprocessor regulated panel. Recommendations:

Locations with Abundant sunlight:	3 – Watt Panel:	6130-01-388-0245
Locations with Medium sunlight:	5 – Watt Panel:	6130-01-446-7154
Locations with Less sunlight:	10 – Watt Panel:	6130-01-688-4859

Contact your supporting FSR below for information on PulseTech gear, Solar recommendations/suggested application use (they have examples they can send), equipment specs, troubleshooting, example BMMP SOP or for a FREE (within CONUS) on-site support visit to your location.

Title / Locations / Units Supported:

VP Military Programs, Eastern US, International
FSR, South Central / Western US, Pacific
FSR, North Central / North Western US, Alaska

Name

Roy Johnson
Tom Pigorsh
Adam Hagenston

Email

rjohnson1@twcnv.rr.com
tom.pigorsh@comcast.net
adam.hagenston@yahoo.com

Website: WWW.PULSETECH.NET

Online PulseTech Military catalog: <https://read.dmtmag.com/i/1302304-2021-military-catalog>