

PULSETALK



PulseTech's monthly newsletter to provide distributors and resellers with the latest tips, tricks and product information.

Go Green and Save Money

It's Easy to be Green with PulseTech Products!

Preventing and removing battery killing sulfates from the battery plates allows batteries to perform like new again – even those you thought were beyond repair! It's easy to be green with PulseTech Products. On vehicles simply install our solar panels and/or PowerPulse and forget about them. They will do all the hard work of keeping your batteries in peak condition AND remove sulfates which cost you money in new battery purchases and send lead-acid batteries to an early hazardous waste grave.



Why Does a Battery Die Prematurely?



Battery plate covered in sulfates



Battery plate kept free from sulfates with Pulse Technology

A lead-acid battery will continue to store and supply energy if enough of the active plate material is available to allow an energy transfer to occur naturally. In theory, lead-acid batteries should last many, many years, but they usually don't because of a series of detrimental problems caused by "excessive sulfation buildup" related to the natural and necessary formation of sulfate crystals on the surface of lead battery plates.

Note: The USAF Management Equipment & Evaluation Program reported "... many batteries previously condemned could be reclaimed if Pulse Technology were used extensively... In conclusion, Pulse Technology worked by removing sulfation from the battery plates as the manufacturer claimed. It is unknown exactly how long a battery will last with Pulse Technology connected, but it is estimated at least 8 to 10 years of life can be added."



www.pulsetech.net

Contact us with any questions, comments or success stories!

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Success Story:

National Carrier replaced 12 Group 31 Odyssey batteries every 2 weeks at a cost of \$275 per battery. They tried to trickle charge these batteries, but had no success. We placed the same 12 batteries on the SC-12, 12-Station HD Recovery Charger for 72 hours and recovered 10 batteries at a cost savings of (\$275 x 10 batteries) \$2,750.

Monthly Savings: \$2,750 x 2 = \$5,500

Annual savings: \$5,500 x 12 = \$66,000

Have a success story? Send it to zjohnson@pulsetech.net and you will WIN an Xtreme Charge 12V Battery Charger if we use it in our next PulseTalk newsletter.

How do Sulfates Kill Batteries and How Can I Prevent It?

As a battery ages through use or sits unused for periods of time, lead sulfate crystals enlarge and can build up "excessively" to the point where they create a physical barrier across the surface of the plate. Before long, this buildup can become so dense that a battery is no longer able to accept or release energy. Stop sulfates forming in the first place by using products that not only charge or maintain, but also prevent and remove sulfates. We incorporate our patented Pulse Technology into all of our chargers and maintainers to do just that.

Pulse Technology, a patented restorative technology utilizes a strictly controlled waveform, comprised of rise time, pulse-width, frequency and amplitude of current and voltage pulse. Used as part of a routine maintenance program PulseTech chargers and maintainers have delivered impressive results, improving battery performance and extending life cycles by 3 times.

For a complete holistic view of battery care take a look at our Battery Management Programs. Not only does it turn your battery green, but also puts the green back in your pocket.



Being Green Happens in the Maintenance Bay AND on the Vehicle

Simply install the PowerPulse and/or SolarPulse on any vehicle with one or more lead-acid batteries – cars, golf carts, 18 wheelers, RVs, boats, buses, trucks – to turn your battery green.



In the maintenance bay use our PRO-12-RP battery maintenance system and suitcase recovery chargers to remove and prevent these sulfates – extending battery life and power. Simply connect one to your batteries, plug it in and walk away. **It's so easy to be green!**



Contact us with any questions, comments or success stories!