

Make Your Batteries Work Harder & Last Longer Than Ever Before



More Power. Better Performance. Longer Life. That's what you need from your lead-acid batteries. And that's what you'll get with the patented battery charging and maintenance systems available from PulseTech.

Why do so many batteries seem to die at the worst possible moment? Simple. They can no longer accept or release energy.

The cause? A 100-year old problem called *sulfation buildup*.

As your battery gets older or sits unused for long periods of time, lead sulfates on the battery plates enlarge to the point where they create an insulation barrier. Before long

they build up and become so dense the battery can no longer accept or release its stored energy.

This is the main reason over 80% of all lead-acid batteries die.

But, not anymore.

Now there is an effective solution to this problem: patented **ReNew-IT Pulse Technology**®.

This technology has been scientifically proven to prevent sulfation buildup on every type of lead-acid battery. That means your battery recharges faster, accepts a full charge and releases all its stored energy.

You get the true power you need.

Plus, since using this technology will keep the plates "clean", your battery will work harder and last

longer than ever before.

ReNew-IT Pulse Technology is available in over 50 battery charging and maintenance systems designed to increase performance and reliability on every type of school bus and pupil transportation.

To find out which system is best for you see your PulseTech dealer. For the dealer nearest you, call us at **1-800-580-7554**.

Or you can visit us right now at www.pulsetech.net

 **PulseTech**®
Products Corporation
The World Leader In Battery Performance Technology



Get The True Power of Your Batteries

A Technological Leap. Forget everything you've ever learned about battery charging and maintenance, because the old way is no longer the only way. Before, batteries controlled you — you installed one, used it, then, in most cases, it had to be replaced long before it should have been. And there was nothing you could do about it.

Well, now there is.

For the first time since the lead-acid battery was invented over 100 years ago a change has occurred that will affect the industry for the next 100 years: Revolutionary **ReNew-IT Pulse Technology**. It lets you control the battery — not the other way around.

Why Batteries Die. Your battery is able to store and supply energy because of an interaction between the plates and the battery acid. In theory, batteries should last years, but they usually don't. Why? Because of a major problem called *sulfation buildup*.

As your battery gets older or sits unused for long periods of time lead sulfates on the battery plates enlarge and *build up* to the point where they create an insulation barrier. Before long, this buildup can become so dense your battery can no longer accept or release energy.

How big a problem is sulfation buildup?

It's the reason why batteries die 80% of the time. The funny thing is, in most cases your battery is still good. You just can't reach the energy inside.

Our ReNew-IT Pulse Technology products help prevent this problem once and for all.

How We Make Batteries Stronger. These products connect directly to the battery. They then emit a pulsating dc current that removes the sulfate deposits from the plates through the use of a unique *Ion Transfer* process. This helps the sulfates return to the battery acid as active electrolyte.

When used on a regular basis these units also help keep sulfates from building up again. That means your battery will be stronger so it will work harder and last longer than you ever thought possible*.

Get True Battery Power. ReNew-IT works with all types of lead-acid batteries including sealed, gel cell and AGM. By keeping the plates clean, your battery will have a greater



Industrial 12-Volt Solargizer®



Solargizer® Solar Charger



PowerPulse® 12

charge acceptance so it will recharge faster. It will also have a greater reserve capacity so it will release all its stored energy. With more available energy your battery will last longer between recharges and your electronic accessories will work better.

You get the *true* power of your batteries.

Listed below are just a few of the over 50 charging and maintenance products that we offer. No matter what vehicles or equipment you use, we have a system to meet your specific battery needs. Choose the products that are best for you.

Industrial 12-Volt Solargizer® Battery Maintenance System. Besides helping make batteries stronger by keeping them sulfate free, this solar-powered unit also helps offset any abnormal power demand from GPS, alarms and other electronic systems. Solargizer handles battery systems up to 12-volts and is ideal for both heavily-used and stored buses and equipment. Ten-year limited warranty.

Solargizer® Solar Charger. Charge and desulfate your 12-volt battery with this unique solar pulse charger. It maintains your battery at full capacity — without overcharging. At the same time, our ReNew-IT Pulse Technology desulfates the plates and provides a charge leveling effect to equalize the charge across all cells. The Solargizer Solar Charger is available in three models: 10 Watt (1 amp), 5 Watt (½ amp) and 2 Watt (¼ amp).

The 2-Watt also works on two 12-volt batteries in parallel. Ten-year limited warranty.

PowerPulse® Battery Maintenance System. This 12-volt system is not a charger — it is a unique maintenance system designed to keep batteries sulfate free. Once PowerPulse is installed, it immediately begins strengthening the battery by cleaning the plates. There's nothing to plug in. You just attach it to the battery and it works automatically twenty-four hours a day. PowerPulse works on up to three 12-volt batteries at a time (in parallel). It's ideal for vehicles and equipment that are used frequently or charged on a regular basis. It can also be used for short-term storage. Five-year limited warranty..

Find out more. To learn more about these and our other products visit your local PulseTech dealer today. For a dealer near you call 1-800-580-7554. Or visit www.pulsetech.net

For more information or to place an order, contact your local PulseTech dealer today:

