

ReNew-IT Pulse Technology®

A Technological Breakthrough

Forget everything you know about battery charging and maintenance — because PulseTech® has a better way. In the past, battery life was out of your control. You installed a battery, used it and in most cases, replaced it too soon — because that was your only choice.

But ReNew-IT Pulse Technology® is revolutionizing the battery industry. For the first time since the invention of the lead-acid battery over 100 years ago, this technological breakthrough is improving battery life dramatically. PulseTech offers several innovative battery charging and maintenance systems that utilize this highly effective patented technology. So now you can control the battery — not the other way around.

Why a Battery Dies

The plates are the heart of your battery. Basically your battery is able to store and supply energy because of an interaction between the plates and battery acid. In theory, a battery should last years, but usually it doesn't because sulfation buildup causes a series of problems.

As your battery gets older — or sits unused for long periods of time — lead sulfates on the battery plates enlarge and build up to create a physical barrier. Before long, this buildup can become so dense that your battery will no longer accept or release energy. Battery failure is the main cause of vehicle failure. So sulfation buildup, the main reason a battery dies, is a big problem.

This is especially true for infrequently used and stored vehicles, but it's also a major concern for frequently used vehicles. Yet in most cases, your battery is still good. You just can't reach the energy inside. In the past, you bought another battery even though the one you replaced might still have been usable.

But now PulseTech products can help prevent this problem — once and for all.

How We Make Your Battery Stronger

It's simple. Our products connect directly to battery terminals and emit a pulsating dc current into the battery. Using a unique ion-transfer process, these pulses remove sulfate deposits from the plates and convert them into active electrolytes. When installed permanently, every unit also helps keep sulfates from building up again so your battery will stay strong all the time.

Some of our products can even help renew a dead battery suffering from sulfation buildup and bring it back to life.

Get True Battery Power

Our technology works with all conventional flooded lead-acid batteries and sealed maintenance-free batteries including Valve Regulated Lead-Acid (VRLA), Absorbed Glass Mat (AGM) and gel cell. By helping keep the plates clean, your battery works harder than you ever thought possible and lasts up to three times longer. It also maintains greater reserve capacity to recharge faster and release more of its stored energy. With more available energy, your vehicle will last longer between recharges, and your electronic accessories will work better. Get the true power of every battery with PulseTech products.

Some of our patented units also help prevent the normal loss of battery power on stored vehicles and equipment no

matter how long they sit unused — even months at a time. Longer lasting batteries even help protect the environment. Our products reduce the danger of contamination caused by lead and sulfuric acid leaking from prematurely discarded batteries.

The distinct pulse waveform that defines ReNew-IT Pulse Technology makes it unique and highly effective. It has a

strictly controlled rise time, pulse width and frequency as well as amplitude of current and voltage pulse. No other battery charging or maintenance system has this specific waveform, so only PulseTech products can provide these exceptional benefits.

Military Proven

The U.S. Military began using our commercial Solargizer Battery Maintenance System in 1995. Today PulseTech products are used successfully on combat and tactical vehicles all over the world.

Our charging and maintenance equipment recently helped the U.S. Army save millions of dollars in battery purchases over a two-year period. If our technology can do that for heavy-duty military vehicles, imagine what it can do for you.

For the PulseTech dealer nearest you, call 1 (800) 580-7554. Or visit us on the web at www.pulsetech.net.

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