

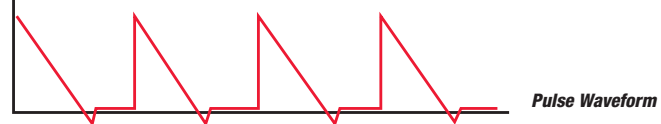


We're often asked how our chargers are different from other chargers on the market. It's easy - our patented Pulse Technology is included in all of our products and removes existing sulfates from the battery plates, while preventing new ones from forming. Charging with our Pulse Technology provides a powerful 1-2 punch to the battery.

PulseTech utilizes propriety algorithms combined with microprocessor controlled technology to automatically determine the precise charge rate so our products know when to safely start and stop the charging process. There is no danger of overheating and batteries can even be left unattended for weeks at a time.

Pulse Technology uses a high frequency conditioning pulse on a second circuit to attack and remove sulfates on the battery plates. This allows the battery to hold more energy, recharge faster and last up to three times longer!

**You get what you pay for - don't be fooled by cheap imitations.**



## Chargers and Maintainers

### Xtreme Charge<sup>®</sup> Battery Charger and Maintainer



XC400 Xtreme Charge battery charger is a maintenance charger for all vehicles on land and in the water. It charges and maintains any 12-volt lead-acid battery, extending battery life with desulfating pulses. This state-of-the-art battery charger works automatically, selecting the proper battery type and charge rate. It is fuse-protected and spark-proof, eliminating risks of unsafe or improper charging.

Part No: [200X010](#) Model: XC400

### PRO-12-RP 12-Station Battery Maintenance System

Keep as many as 12 stored 12-Volt lead-acid batteries fully charged and in 'factory fresh' condition until you're ready to use them. LEDs indicate the status of each battery.

Part No: [746X915](#) Model: PRO-12-RP



### Quadlink 4-Channel Battery Charger Multiplier



QuadLink turns a single maintenance charger into four maintenance chargers. Connect the QuadLink to any single-station battery charger maintainer and enable maintenance charging of up to four individual batteries or four separate vehicles with one charger.

Part No: [100X004](#) Model: XC-QL4

### PowerPulse 12V Battery Maintenance System

Selected as a Top 50 Product by Automotive Engineering magazine, the PowerPulse is designed especially for frequently-charged 12-volt battery systems. It is a performance enhancing device that helps batteries charge faster, last longer and provide maximum performance and power.

Part No: [735X012](#) Model: PP-12-L  
 Part No: [735X024](#) Model: PP-24-L  
 Part No: [735X036](#) Model: PP-36-L  
 Part No: [735X048](#) Model: PP-48-L



## Analyzers



### 390PT and 777P-PT Battery Analyzers

Test 6V and 12V lead-acid batteries in or out of the vehicle as well as 12V and 24V charging systems for proper operation. Both of these analyzers display both battery voltage and cranking amp capacity in seconds. The 777P-PT also has a built-in printer making it an essential tool for diagnosing battery condition and record keeping.

Part No: [741X390](#) Model: 390PT  
 Part No: [741X777](#) Model: 777P-PT

## Recovery Chargers

### The King Kong of Recovery Chargers

The XCR is a 16-amp shop recovery charger and is ideal for recovering larger 12V batteries including those in groups 31, 4-D and 8-D. It can be used on standalone batteries in the shop or even on batteries still installed in the vehicle. With its higher output capacity batteries can be recovered quickly and returned to service. LEDs make it easy to understand and the patented Pulse Technology solves your sulfation issues.

Part No: [100X500](#) Model: XCR



## Solar Chargers



### Use the Power of the Sun to Extend the Life and Power of Your Batteries

Our SolarPulse solar chargers prevent the normal loss of battery power on vehicles and equipment stored outside and apply our sulfate killing patented Pulse Technology ensuring your batteries remain in peak condition extending battery life up to three times. These solar panels are compact, easy to install and are virtually indestructible.

Part No: [735X453](#) Model: SP-3, 3-Watt  
 Part No: [735X467](#) Model: SP-7, 7-Watt  
 Part No: [735X468](#) Model: SP-12, 12-Watt  
 Part No: [735X353](#) Model: SP-12-OBDD-T,  
 12W w/OBD Connector  
 and Suction Cups

Solar Charger	Install On Vehicle With:
SP-3	1 Battery
SP-7	2 Batteries
SP-12	3-4 Batteries

## Shop Chargers



### Don't Replace Batteries When You Can Recover Them

Recover most heavily discharged and sulfated 12V batteries (VRLA, AGM, gel or flooded cell) with one of our suitcase recovery chargers. These recovery chargers are safe and easy to use. They are reverse polarity protected, have spark-free operation and prevent overcharging no matter how long they're left connected. The SC-12 can recover 12 batteries at a time, the SC-6 can recover six batteries and the SC-2 can recover two batteries.

Part No: [746X810](#) Model: SC-12  
 Part No: [746X816](#) Model: SC-6  
 Part No: [746X814](#) Model: SC-2

# 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 PulseTech 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.

*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.*