

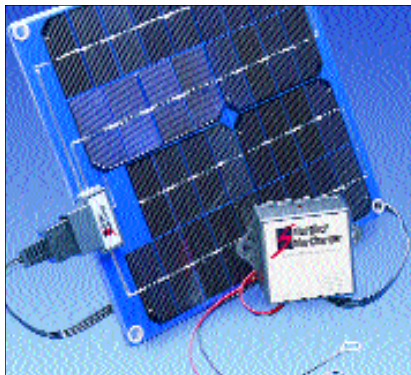
PRODUCT SPOTLIGHT

Solargizer® Solar Charger
Charge and de-sulfate your 12-volt battery with this unique solar pulse charger. The Solargizer Solar Charger maintains your battery at full capacity without overcharging.

At the same time, it uses our *ReNew-IT Pulse Technology®* to prevent the buildup of lead-sulfate deposits on the battery plates. Our technology also provides a charge leveling effect to equalize the charge across all cells.

The 12-Volt Solargizer Solar Charger is available in three models: 2-Watt / 1/4 Amp, (735X602), 5-Watt / 1/2 Amp (735X605) and 10-Watt / 1 Amp (735X610).

These units are ideal for charging in areas without access to electrical power. Ten-year limited warranty.



TESTIMONIAL

"I depend heavily on the productivity of the forklifts to load trucks. After a month, it is clear to me that the PowerPulse was a wise investment. I have seen an overall increase in the battery's ability to store more energy and they are putting out a longer shift."

Tony Luong
President
Golden Duck Meat & Poultry
Houston, Texas

SUCCESS STORY

Solargizer Solves A "Monster" Battery Problem

Imagine a race car that literally burns up the track and you've got the powerful "Dyno-Dragon" Jet-Powered Truck Burner. The Dyno-Dragon, designed and built by Oric "Hammer" Arnold of the Dragon Master Exhibition Team, actually sets old cars on fire. It is a 1941 Chevy that houses a J-46 Westinghouse jet engine with 27,500 pounds of thrust and an afterburner. This monster truck performs at racetracks, truck shows, fairs and drag strips all over the country.

In the past, battery maintenance was a big problem. But not anymore. Because now the Dragon Master team uses the Industrial 12-Volt Solargizer Battery Maintenance System from PulseTech.

PROBLEM: The Dyno-Dragon needs as many as ten batteries to meet its incredible power demand. With all the traveling and grueling performances, vehicle maintenance is critical, especially on the batteries. The batteries on the Dyno-Dragon had to be charged for four hours a day with a conventional charger in order to have the power needed for each performance. This was very time consuming.

SOLUTION: Hammer Arnold mounted ten Industrial 12-Volt Solargizers to a large piece of black Lexan. Then, every day he would stand the frame next to the Dyno-Dragon and attach the Solargizers to each of the individual battery terminals for one hour to desulfate and maintain them.

RESULTS: By cleaning the battery plates, the Solargizer units reduced battery charging time from four hours to only 45 minutes. Plus, the batteries were stronger and worked like new. After the success he



Photos: (Top & bottom) The "Dyno-Dragon", built and driven by the Dragon Master Exhibition Team. By using ten Industrial 12-volt Solargizers to condition the batteries between shows (top), charge time on the vehicle's ten 12-volt batteries has been reduced from four hours a day to 45 minutes.

experienced on the Dyno-Dragon, Hammer started using Solargizer on his other show vehicles, including their Wheelstanders and a GMC Top Kick Hauler.

"The Industrial 12-Volt Solargizer system has made an incredible difference in the batteries' ability to accept a charge," says Hammer Arnold, "What used to take hours now takes less than a quarter of the time! And we know for sure those batteries will be hot for each performance."

LEARN MORE: See your local PulseTech dealer to see how our products can help increase your battery reliability. For a dealer near you, call **1-800-580-7554**. Or visit www.pulsetech.net

SAMPLE INSTALLS



Installing PulseTech products is easy and well worth the time. Shown above are examples of actual customer installations:

- A. A pallet jack motive battery using a 24-volt PowerPulse to improve battery reliability, extend service life and increase charge acceptance.
- B. A RediPulse 6-12 installed on a police motorcycle.
- C. The solar panel of an Industrial 12-Volt Solargizer mounted on the front bumper of a school bus.
- D. An over-the-road truck with a 5-Watt Solargizer Solar Charger.

TECHTALK FAQ

Presenting a series of frequently-asked questions regarding the benefits of PulseTech products and how they can help your customers:

Can PulseTech products be used on more than one battery at a time?

It depends on the model. The RediPulse 6-12 is designed for use on one 6- or 12-volt battery, but it can also be used on two 6-volt batteries connected in series to equal 12 volts. The 12-volt PowerPulse model can be used on up to three 12-volt batteries connected in parallel. The Industrial 12-volt Solargizer can also be used on up to two batteries in parallel to prevent sulfation buildup on the plates, but if you want to maintain voltage in the battery you need to use one unit for a single 12-volt battery or two 6-volt batteries connected in series.

In a series application, you would use the total of the series voltage to size the unit. For example: Either the PowerPulse 24 or the 24-volt Solargizer can be used on two 12-volt batteries connected to equal 24 volts. Both also offer a 36-volt unit and PowerPulse even includes a 48-volt model. The RediPulse 36-48 model can be used on either a 36- or 48-volt battery system.

Each Solargizer unit is also designed to work on batteries up to their designated voltages. A 12-Volt Solargizer will work on batteries up to 12-volts, a 24-Volt will work on battery systems up to 24 volts and the 36-Volt will work on battery systems up to

36 volts. The PowerPulse 24, 36 and 48-volt systems are "voltage specific" which means they are designed to work only with their designated voltages: A 24-volt PowerPulse on a 24-volt battery system only, and so on.

The Solargizer Solar Charger will also charge more than one battery at a time. The 2-Watt works on two 12-volt batteries in parallel, while both the 5- and 10-Watt units work with up to four batteries in parallel.

Both the RediPulse Pro-10 and the Pulse Recovery System can be used to desulfate multiple 12-volt batteries at one time.

Will PulseTech products damage electrical systems on cars and other vehicles?

No, they will not. The pulsing energy is absorbed within the battery and is not "seen" elsewhere in the system. Our technology has been applied to a variety of military vehicles with very sensitive launching or computer systems with no interference or problems. Our products have also been evaluated by a major auto manufacturer and has passed all the emissions tests they put the products through. PulseTech products can only *enhance* a vehicle electrical system — not detract. 🚗

Scientifically-Proven Technology

Independent studies by researchers at Oakland University and Ohio State University recently confirmed that ReNew-It Pulse Technology increases battery efficiency and battery life dramatically. These two-year studies showed that our technology allowed a more even distribution of lead-sulfate crystals over the surface area of the battery plates. It also revealed a significant reduction in the size of crystals. These changes greatly improve a battery's ability to store and provide energy.

Our technology also prevents sulfate-induced corrosion that is the primary cause of shedding of active material on the plates. As a result, the life span of the battery is increased dramatically.



(Left) A battery plate covered in heavy sulfation buildup which reduces the battery's ability to accept, store and release energy. (Right) ReNew-It Pulse Technology™ cleans these lead-sulfate deposits off the plates and converts them to active electrolyte. This process exposes the active material on the battery plates which means batteries are stronger so you get up to three times longer life and maximum performance.



Visit this local PulseTech dealer today:

PulseTech
Products Corporation