

EXTEND YOUR BATTERY LIFE 3 TO 5 TIMES

CUSTOMER SUCCESS STORY

HI-TEK

PRODUCT OF AUSTRALIA

**WHILE REDUCING CHARGING TIME BY 30% AND
INCREASING BATTERY PERFORMANCE BY 20%**

**WHAT THE BATTERY COMPANIES
DON'T WANT YOU TO KNOW**



PowerPulse Battery Maintenance Module

The main stay, workhorse of the product line. The PowerPulse is ideal for any yacht, electric boat, runabout, RV, Golf Cart and vehicle that is charged frequently. These modules are exceptional for your Duffy, ElecraCraft or Lear electric boats.

**Here's local yacht's story about
how this technology saved over
\$2,000 and 2 battery changes.**

"During the Winter season of 1999/2000 my batteries were shot and needed to be replaced, none of the batteries were holding a charge. I installed 2 PowerPulse PP-12 modules on the batteries.

In just two weeks the engine batteries were back to over 13V and the four house batteries were back to normal in just over 4 weeks. We don't have a generator and having a strong set of batteries is essential to run lights, bait pumps, fish finder, radar and essential inverter driven 22" TV/DVD player for the kids.

Now, June 2009, we tested the batteries with the PulseTech PT390 battery analyzer. The house bank tested out at 13.64V with a SOC (State of Charge) of 100% and SOH (State of Health) of 88%. The engine bank tested out at 13.64V, 100% SOC and 100% SOH.

These batteries were originally installed in April 1992.

This makes these batteries 17 years old !

The PowerPulse modules have saved me 2 full sets of battery change outs and based on the recent test data the PowerPulse modules have saved me over \$2000 in batteries and the hassle of changing them out twice.

These products definately do what they say they can and then some!"

Volt PowerPulse Increases Golf Cart Voltage & Run Time

Since 1970, Olympic Hills Golf Club in Eden Prairie, Minn, has been recognized as one of the more imaginative and challenging venues of golf in Minnesota. But, like other golf resorts and clubs, they also had a problem with weak golf cart batteries. That's why they started using the PowerPulse Battery Maintenance System from PulseTech.

PROBLEM

For Years, Jeff Lyons, maintenance director for Olympic Hills, has been responsible for the care and upkeep of the several golf carts used at the club. But, the major problem he always faced was weak or dead batteries. Each cart uses six 6-volt batteries connected in series to equal 36 volts. On average, the carts would only run a little more than one round of golf before the batteries died. That meant the cart would have to be taken out of service until the batteries were recharged again. The club as several members using their golf course, especially during the summer, so Jeff needed his carts running all the time.

SOLUTION

In 1999 a 36-Volt PowerPulse unit was installed on each of the golf carts. He also mounted one on the customized cart owned by Donald McGlynn, the founder of both Olympic Hills and McGlynn Bakeries. At that time, all cart batteries were five years old.

RESULTS

Since installing the PowerPulse units almost five years ago, Olympic Hills hasn't had a problem with any of the golf cart batteries. Jeff also took battery readings on the carts periodically, and both the voltage and CCA (Cold Cranking Amps) have increased. The voltage and CCA even also increased on Donald McGlynn's cart even though it's been sitting idle in storage for the past two years. The overall voltage increased on the carts from an average of 6.20 volts to 6.36 volts. "This is really amazing when you consider that all these batteries are almost ten years old".

PowerPulse Battery Maintenance System

This system is not a charger - it is a unique maintenance system designed to keep batteries sulfate free. PowerPulse strengthens 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 comes in **12- 24-, 36- and 48-volt** models. It's ideal for vehicles and equipment that are used frequently or charged on a regular basis.

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POWER PULSE[®]

**Patented Pulse Technology effectively
reduces and removes power-robbing
sulfation from any lead-acid battery**



SAVE MONEY

- Dramatically increases battery performance and life.
- Significantly reduces typical battery re-charge times.
- Enables batteries to accept a "deeper" charge.
- Allows batteries to maintain high voltage - longer.

MAKE YOUR BATTERIES WORK HARDER & LAST LONGER THAN EVER BEFORE

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Especially good for banks of batteries in boats. 1 unit does up to 1800 amps.

