

AROUND THE YARD

is the same horsepower as the last one—so the prop's left-hand rotation is probably the culprit. If you have trim tabs, you'll now have to use them to counteract the list. (You may also be able to address the problem by shifting weight—such as batteries—but this may cause the boat to list at rest.) If you don't, this would be a good time to install them.

PMY Tries... The Nanopulser

Are you about to discard a battery because its plates are sulfated and will no longer hold a charge? You might want to try the Nanopulser first. Its manufacturer, Pulse Genetech,

claims this unit, which clamps onto a battery's terminals, "regenerates sulfated batteries...slowly and gently without damaging electrode plates."

I tried one on an old 105 amp-hour, deep-cycle house battery I'd removed from my boat for the winter, which no longer held a charge. First I measured each of the six cells with a hydrometer, getting the following readings: #1: 1.210; #2: 1.250; #3: 1.210; #4: 1.275; #5: 1.150; #6: 1.300. I also measured its cold crank amps (CCA) and got 475, well below its rating of 650 CCA.

I then attached the Nanopulser, and applied a charge to the battery twice a week for three months, after which I got the following readings: #1: 1.275; #2: 1.250; #3: 1.275; #4: 1.300; #5: 1.300; #6: 1.300. At the end of the test, the battery held a full charge and recorded 700 CCA.

The Nanopulser reportedly works at least as well on batteries in the boat as long as they are frequently cycled (discharged and recharged). The 12-volt version draws about 50 milliamps and automatically shuts off if battery voltage drops below 11.5 volts. It is also said to prevent sulfation in new batteries, although many new battery charges also have this feature. One unit will serve an entire battery bank.

A 12-volt Nanopulser retails for \$90; the 24-volt version is \$120. Both are available directly from the company. For more information, e-mail the company at info@pulsegenetech.co.jp.

—Richard Thiel



Product Review

by

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EXCLUSIVES: Tiara 3900 | Aerocomp 40 | Mochi Craft 74

POWER & MOTORYACHT

powerandmotoryacht.com

DOWNEAST ITALY: We
Test Mochi's 74-Foot
Lobster Boat

Tiara 3900 Convertible

How to Build a Boat in Two Days

KIT CAT: Finish This
Boat Yourself

PLUS: Silverton 43

