Fischer Panda Generators Selected for Aquila 44 Power Catamarans

January 29, 2014

The US office for Aquila power catamarans has selected Fischer Panda Generators to outfit its new, custom designed Aquila 44.

The boat builder recently opted to go with the Fischer Panda 12 Mini DP, a compact yet robust generator driven by the reliable freshwater cooled Kubota D722 three-cylinder diesel engine, capable of producing a powerful 96 amps at 120 volts. Ideal for sailboats and consumer packed powerboats, the 12 Mini DP weighs in at only 410 pounds and has a noise level rating of 54 dBA @ 7 meters. It also comes with Fischer Panda’s technically advanced Voltage Control System (VCS).

The new Aquila 44, built by Sino Eagle Yacht Co. and distributed through MarineMax, was developed with placing advanced technology at the forefront of all design and build decisions. From the hull shape, to the selection of materials and manufacturing process, every consideration of the Aquila 44 was aimed at continuing the pedigree first born through the Aquila 48.
“The Fischer Panda 12 Mini was an excellent fit for the Aquila 44 and we are excited to partner with them in the coming years to offer an exceptional product to our customers,” says Jean Raas of Sino Eagle USA.

Fischer Panda, through its US office, offers the only true 100%, water-cooled asynchronous generators on the market. The Fischer Panda generator can cool the stator winding with nearly 100- percent efficiency due to the unique design of the asynchronous rotor that has no windings, no brushes or diodes. A conventional synchronous generator, on the other hand, can never achieve this level of efficiency because the rotor windings are cooled with air. That same air is very hot and transfers considerable noise. The air also carries humidity and dirt into the windings, which increases the resistance and thereby reduces electrical output.

The freshwater-cooled Fischer Panda generators provide distinct advantages over air-cooled generators, in size, weight, noise and efficiency.