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Inverter / Chargers • Marine Switchboards • Battery Chargers • Desalinators • Generators

MASTERVOLT WINS THE IBEX INNOVATION AWARD 2009 FOR THE SECOND YEAR IN A ROW

Winning the IBEX Innovation Award in the electrical category for the second year in a row, Mastervolt continues to push the boundaries of what is possible for onboard electrical systems. Mastervolt won the award for the revolutionary Lithium Ion Battery. Constructed with Lithium Iron Phosphate, it is the first battery of its kind designed for marine applications and the first to include CANbus capabilities.

“This battery will drastically change the way onboard electrical systems are designed,” said John de Rijk, Technical Director of Mastervolt International. “Today’s electrical systems compensate for the time it takes to recharge batteries which can be up to approximately eight (8) hours. Mastervolt’s Lithium Ion battery does not have time constraints, you can completely recharge in one (1) hour if you desire.”

Mastervolt’s Lithium Ion Battery is available in a 24V, 160Ah size. They are planning to introduce a 12V version in the near future. The battery may be discharged 80% vs. conventional batteries which may only be discharged 50%. It has a cycle life of 2000 cycles at an 80% depth of discharge that is 3-4 times the average cycle life of traditional batteries. It features a battery management system that constantly equalizes the battery cells during discharge, recharge and at rest. With its CANbus capabilities, the battery can be connected to Mastervolt’s MasterBus™ network providing vital power information to the system. The Lithium Ion Battery is charged using traditional 3-stage battery chargers.

For more information about the Lithium Ion Battery and Mastervolt’s complete line of marine electrical products and systems, please visit www.mastervolt.com.

