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NEWS

For Immediate Release

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Blue Sea Systems Now Shipping ML-Series Automatic Charging Relay

Blue Sea Systems is shipping the new Heavy Duty ML-Series Automatic Charging Relay (ACR). The ML-Series ACR automatically combines batteries during charging, and isolates batteries when there is no charging on either battery bank. It supports high-output alternators up to 500 Amperes. The technology at the heart of this heavy duty ACR is the magnetic latch (ML). A permanent magnet, not an electromagnet, holds the contacts in position. Therefore, the ACR draws less than 0.01 amps to monitor charging in the COMBINE or ISOLATE states. It draws 6 Amps momentarily when changing state.

An optional Control Switch provides remote emergency cross connect and battery isolation capability. Two battery banks can be combined when more battery power is required in some starting situations. The Control Switch is mounted in a convenient location near helm controls to allow for quick access.

The ML-Series ACR offers **Start Isolation** and **Engine Isolation**. **Start Isolation** provides temporary isolation of the House circuit from the Engine circuit during engine cranking to protect House electronics from sags and spikes. **Engine Isolation** separates the engine circuits while both are running to protect engine electronics and maximize alternator output. Users configure Engine Isolation when the engine manufacturer requires it, and when there are separate batteries for each engine.

The rugged construction of the ML-Series ACR is engineered to withstand the harsh marine environment. Heavy-duty, tin-plated copper terminal studs are corrosion resistant, provide exceptional conductivity, and are able to support the weight of large cables. Silver alloy contacts stand up to high current switching over repeated cycles.

Blue Sea Systems was founded in 1992 based on a commitment to create innovative high quality marine electrical products to improve the safety, simplicity, and reliability of boating. Blue Sea Systems employees are active boaters who apply their passion to designing, developing, and building products that enhance the experience of boaters.

For additional information, please visit www.blueseasystems.com, or contact Blue Sea Systems at (800) 222-7617.