

**FOR IMMEDIATE RELEASE**  
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**eCycle discontinues wound stators; SolidSlot™ construction for brushless motors/generators becomes standard.**

(Temple, PA – December 2, 2006) – eCycle, Inc, a manufacturer of high-efficiency brushless motors and generators, is pleased to announce its innovative SolidSlot™ brushless motors/generators now represent its standard product offering.

The SolidSlot™ brushless motor/generator is named after its design, which replaces traditional copper windings with solid bars of aluminum linked together with copper end turns. Slot fill exceeds 90%, compared to less than 50% for traditional windings resulting in machines with super low resistance and high current capacity. A natural evolution of the CMG Series, SolidSlot™ motor/generators feature an integrated electronic commutator enabling operation directly from a battery or in conjunction with a DC controller.

eCycle's decision to discontinue traditional motor windings and concentrate on the SolidSlot™ design resulted from testing and customer feed back. "450 amps at 24 volts is not unusual", said Dan Sodomsky, President and CEO of eCycle, "More current means more power with less batteries. The applications for this motor are endless."

For example, according to Sodomsky, the SolidSlot™ brushless motor, when used as an Integrated Starter Alternator (ISA), can easily convert a typical engine-based platform into a hybrid vehicle or system. "High efficiency compressor drives for aircraft, tractor-trailer anti-idling and hydraulic power units are all benefiting from the SolidSlot™ brushless motor/generator," he added.

eCycle's components deliver quantum improvements in performance and efficiency for existing platforms, including the vast array utilizing a 14 volt bus, while also enabling new applications not technically or economically feasible in the past.

Though itself a small company, eCycle represents an array of manufacturing infrastructure positioned to meet the needs of the hybrid vehicle industry. Additionally, eCycle is prepared to enhance the US supply chain as necessary to ensure a timely and competitive presence for its customers.

**About eCycle ([www.ecycle.com](http://www.ecycle.com))**

Established in 1996 and located in Temple, PA, eCycle produces a line of advanced brushless motors and generators, which have a wide range of applications in commercial, industrial, and consumer markets worldwide, particularly for mobile applications.