

Main Generator for Military Hybrid Vehicle

Army Research Lab, Coop Agreement 2005 through 2009

Another follow on for the Army is the development of a 410kW main generator for military hybrid vehicles based on series hybrid powertrains. RCT Systems' generator system, machine, and power electronics, achieve higher power density than more traditional liquid-cooled induction machine generator systems. This generator is developed for installation in the Army's System Integration Lab (SIL) in Santa Clara, CA. It replaces the lower power generator and significantly larger rectifier system with one more representative of a vehicle-installable unit.

