

# Battery Test System Targets Hybrid Vehicles



Powering via a DynoLAB EM controller, SAKOR Technologies' Hybrid Vehicle Battery Test System functions in complex profiles and road load simulations. The instrument employs a line-regenerative DC power source, and absorbed power regenerates back to the AC mains during discharge modes. The system functions as a battery tester and a battery simulator, and the simulator output remains repeatable from cycle to cycle regardless of charge status. Integration with a HybriDyne hybrid driveline dynamometer creates a system capable of testing complete hybrid drivelines and subsystems with or without actual batteries in circuit. The device offers voltages of up to 1,000 VDC, system sizes from  $\pm 200$  A to  $\pm 2,400$  A (continuous), and overload current of up to 200% of the rated current.

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### Links:

[1] <http://www.sakor.com/>