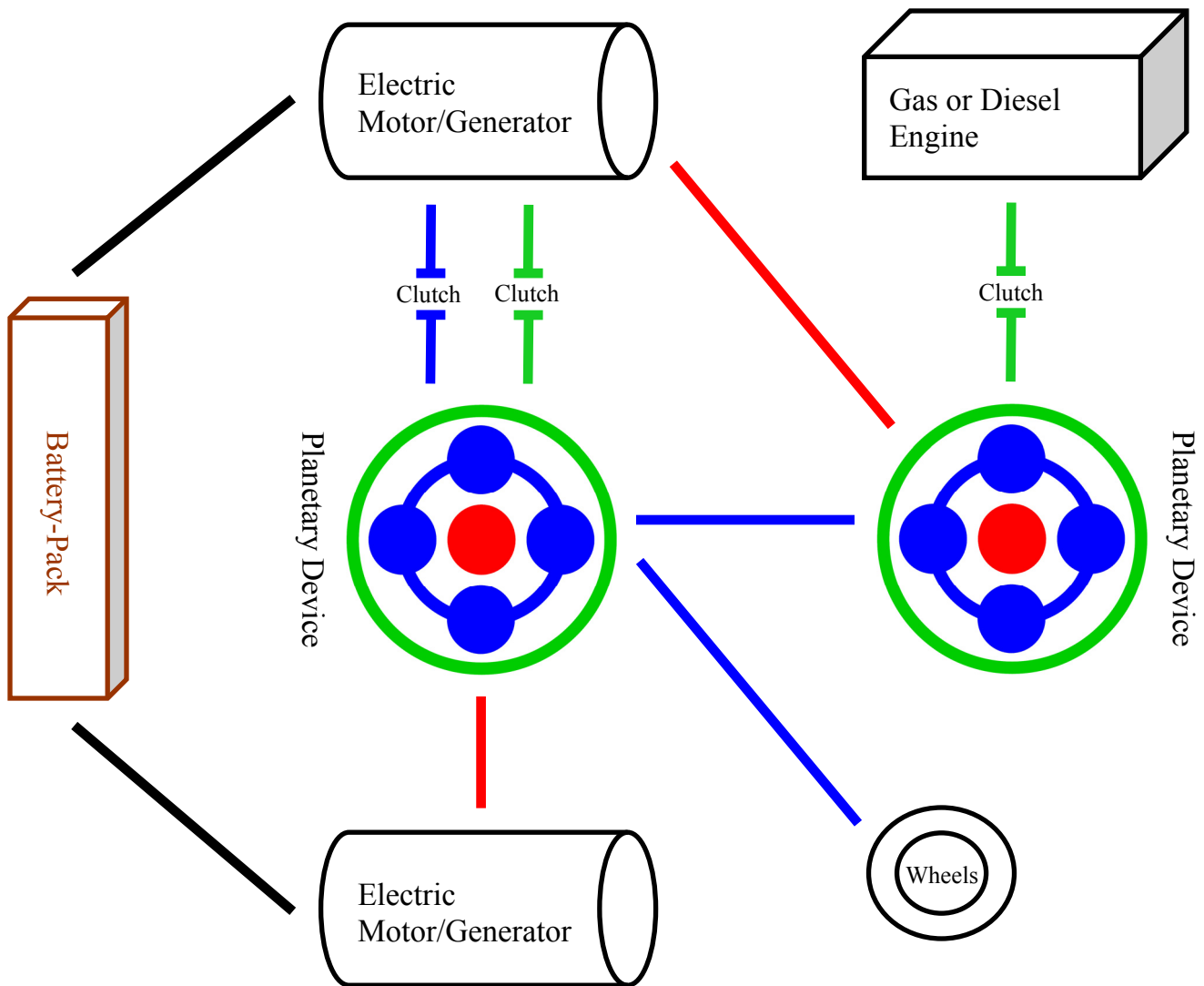


"Two-Mode" Full Hybrid



The layout illustrated above is a representation of how the various hybrid components are interconnected. Between the second planetary device and the wheels is a third planetary device (not shown); the purpose is to serve as gearing much like an automatic transmission.

This "full" hybrid system called "Two-Mode" will initially be available to consumers in December 2007.

The planetary devices work differently than some other "full" hybrids. In addition to allowing power to be combined, clutches between those components allow for control of the way power itself is transferred. The outcome is both a gear-ratio effect and the ability to detach the engine connection.

The size & shape of the hybrid system was designed to fit within the same casing as current automatic transmissions, which should allow for easier integration into traditional vehicles.

GM, Chrysler, and BMW are the developers of "Two-Mode".