

Hybrid Electric

Eaton's Medium-Duty Hybrid Electric System delivers up to 60 percent fuel savings while reducing emissions as compared to a conventional drivetrain.*

Ideally suited for applications that require repeated starts and stops and frequent engine-off power-take-off (ePTO) operations at the worksite. Such applications include: city delivery, shuttle bus, and utility, telecom and municipality applications.

Eaton offers a complete range of hybrid technology and is an industry leader in regenerating lost braking energy in start and stop applications. In addition to Hybrid Electric, our Hydraulic Launch Assist™ system delivers significant fuel savings while reducing emissions.

System Benefits (results depend on application):

- Up to 60 percent improvement in overall fuel savings using Eaton's patented Hybrid solutions.*
- Eaton's patented engine-off ePTO feature cuts idle times up to 87 percent, reducing noise, fuel consumption and emissions plus leverages existing hydraulic system.
- Capable of supporting up to 5kW/120v auxiliary power.
- Provides opportunity to de-rate or downsize engine (depending on the application).

* *Dependent on duty cycle, driver behavior and operating conditions.*



Powering Business Worldwide



An Eaton Green Solution

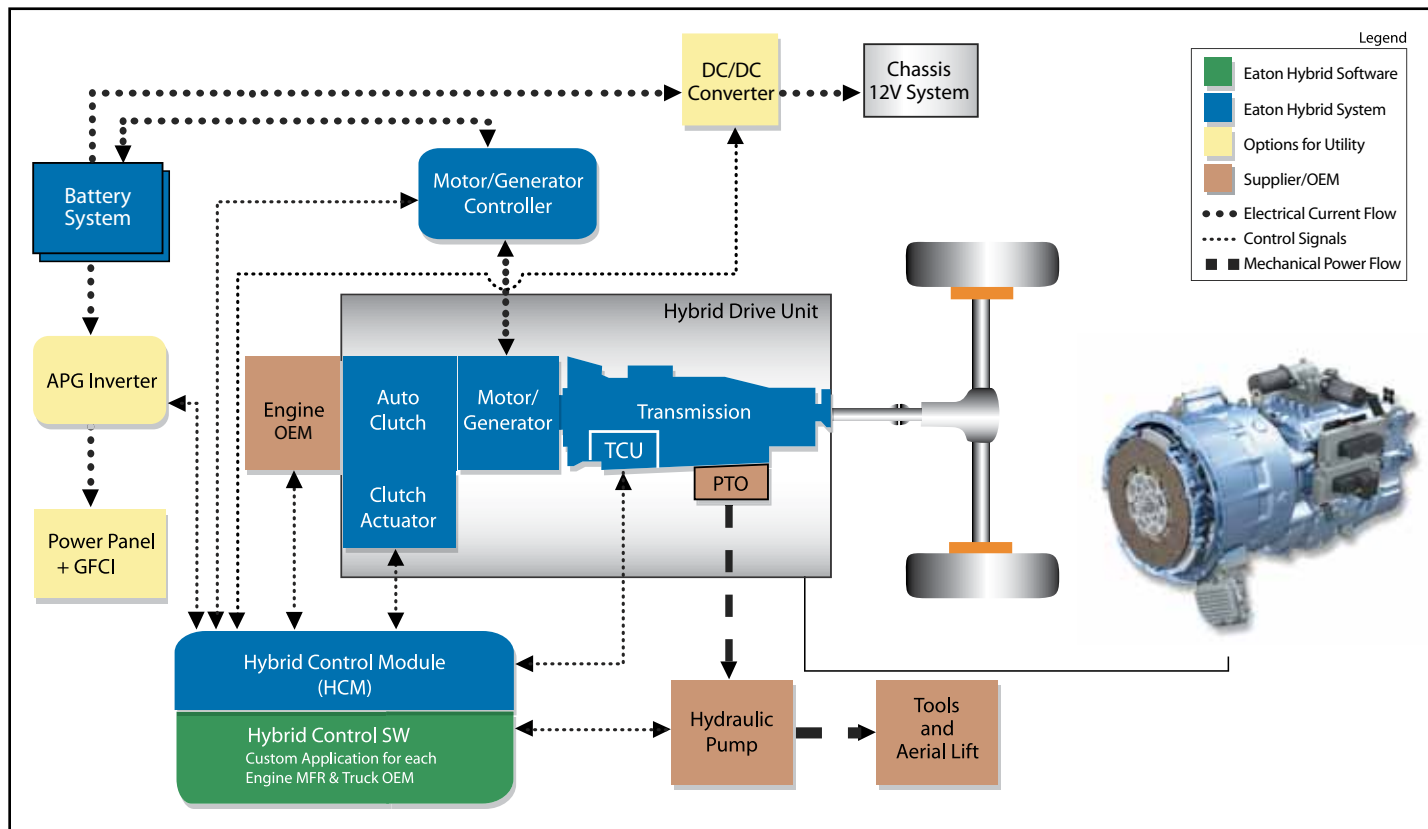


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Eaton Recovery Hotline

1.800.826.HELP (1.800.826.4357)

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The Eaton Hybrid Electric System

Eaton's medium-duty Hybrid Electric System uses a Fuller automated transmission with a parallel hybrid system. It incorporates an electric motor/generator located between the output of an automated clutch and input of the transmission. Using Eaton's patented hybrid system controls, the system recovers and stores energy normally lost during braking into batteries. When electric torque is blended with engine torque, the stored energy is used to improve fuel economy and vehicle performance for a given speed, or operate with electric power only... and provides energy for use during engine-off worksite operations.