
Vehicle Electrification System Standards

IV. High Voltage Battery Pack System

IV.b Overview of HV Battery Pack Systems

OEM Acronyms:

HEV, PHEV, BEV, FCEV

Description:

The High Voltage Battery Pack system serves as the central of the High Voltage system. The format, location, cooling system type, Power, and Capacity of the Battery Pack will vary with the type of vehicle model and electrified system.

Outcome (Goal):

Students shall be able to identify HEV, PHEV, and BEV battery pack types, location in specific vehicles, cooling system, and kW-h rating.

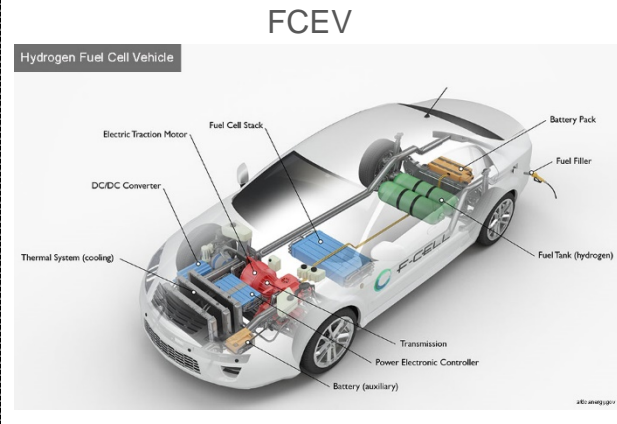
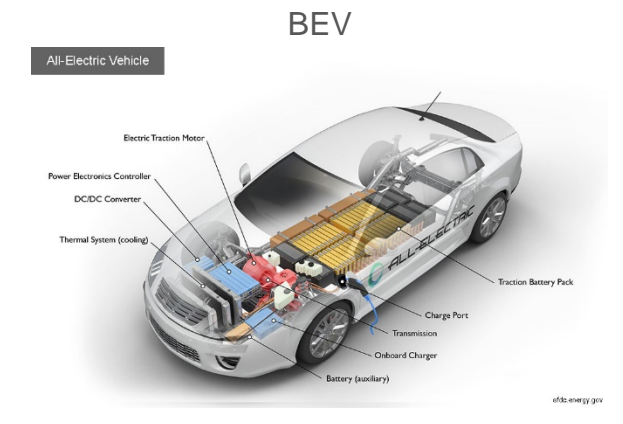
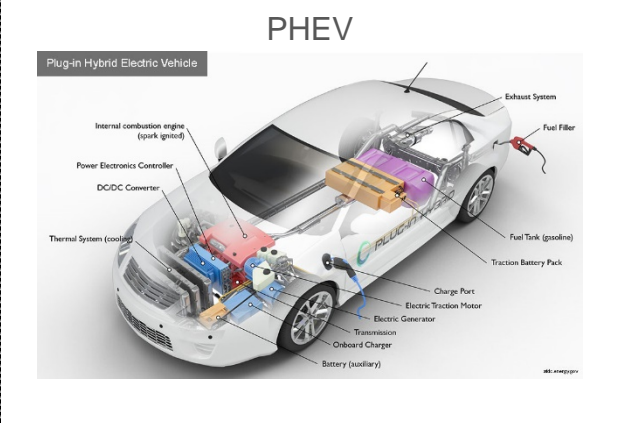
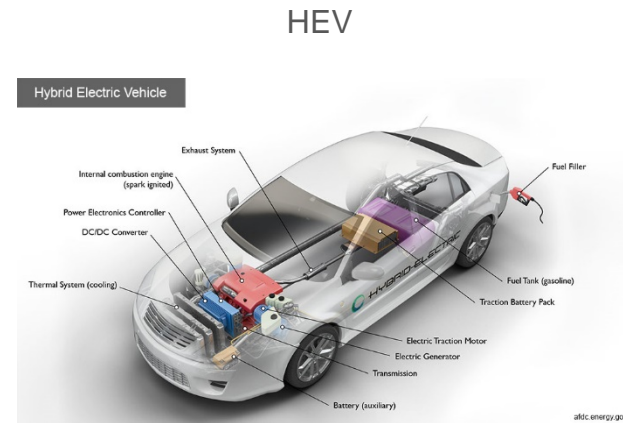
Objective:

When provided physical battery packs or pictures/graphics of battery packs the students will be able to identify the battery pack type, how it is mounted in specific vehicle types, cooling system type, and kW-h rating.

Task:

Students will complete a worksheet an identify the battery pack type, how it is mounted in specific vehicle types, cooling system type, and kW-h rating when provided physical vehicles, vehicle pictures or vehicle graphic references





To comment or offer suggestions on this standard, contact Ken Mays:

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