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Alternative powertrains for road vehicles

Comparative Analysis of Propulsion Characteristics of Conventional and Electric/Hybrid Vehicles

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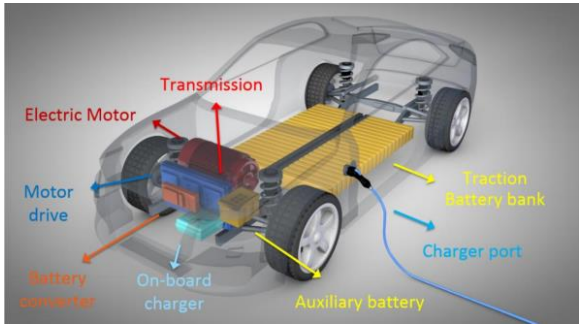

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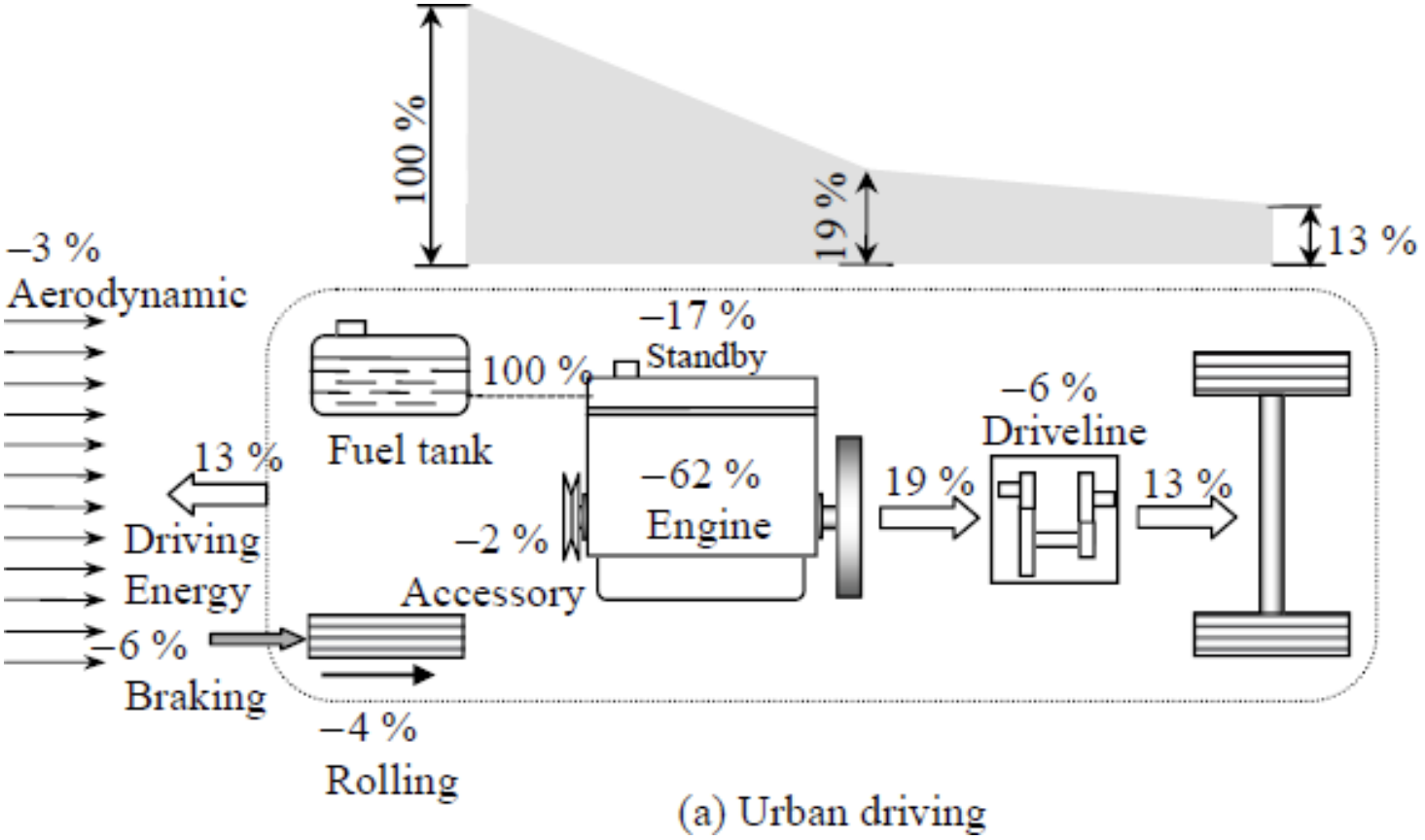
Energy Efficiency of Conventional Vehicles (1)



(a) Urban driving

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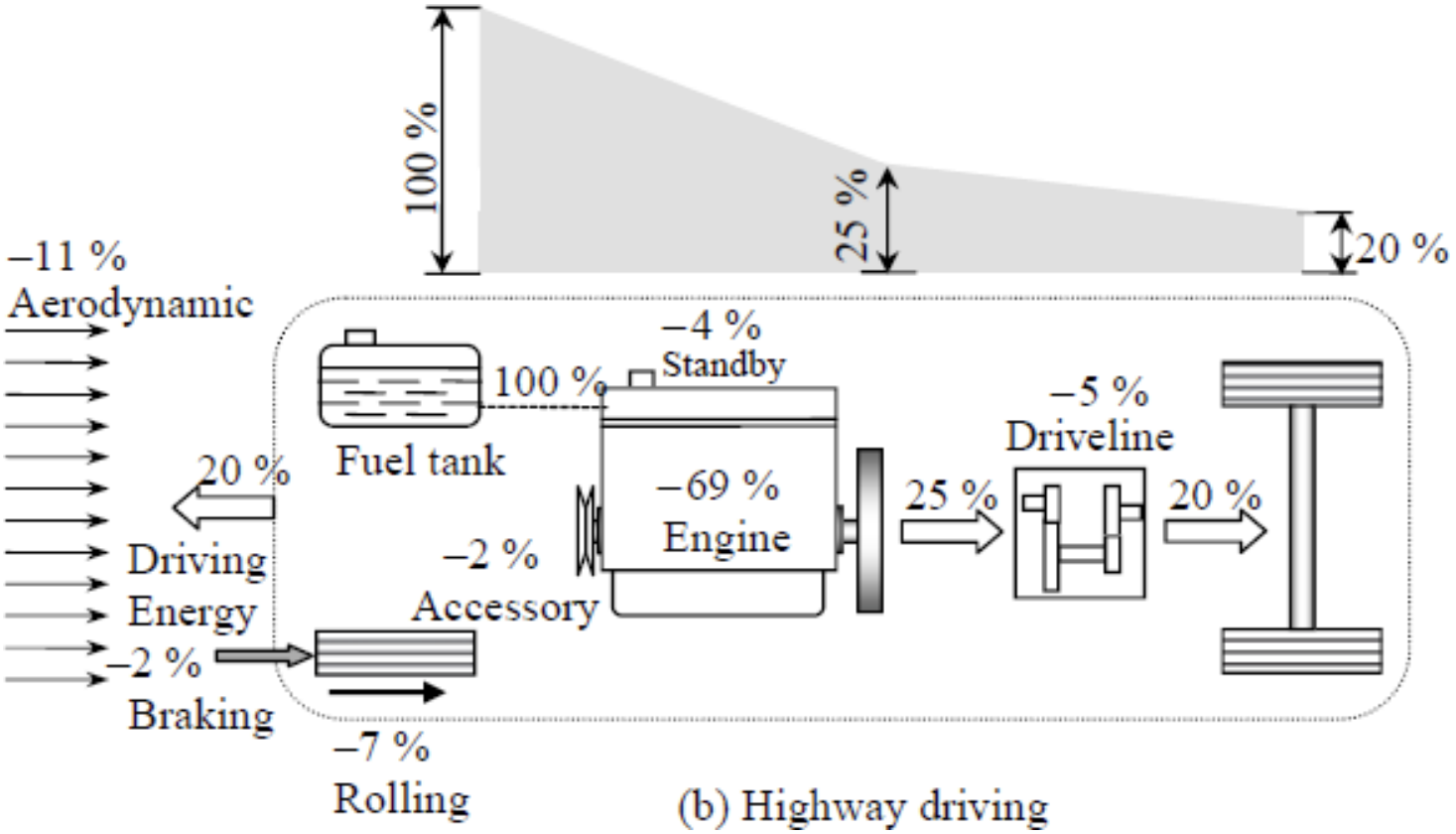
Energy Efficiency of Conventional Vehicles (2)



(b) Highway driving

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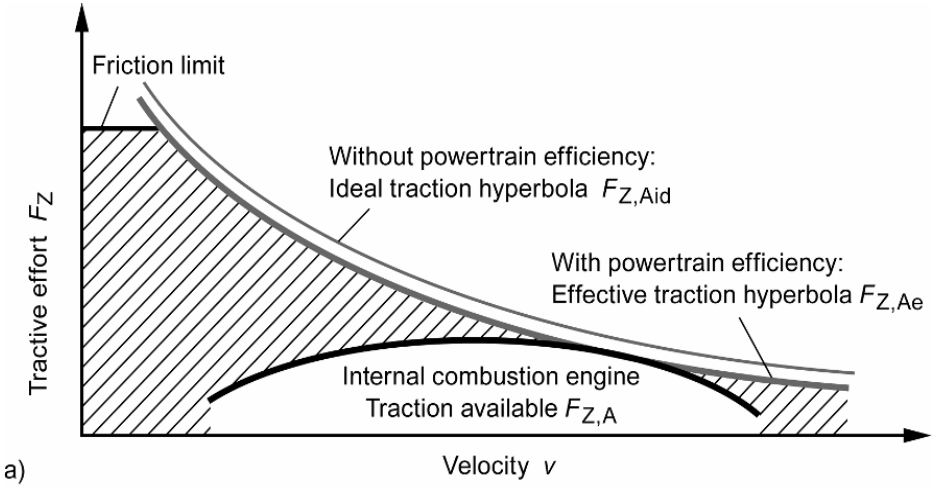
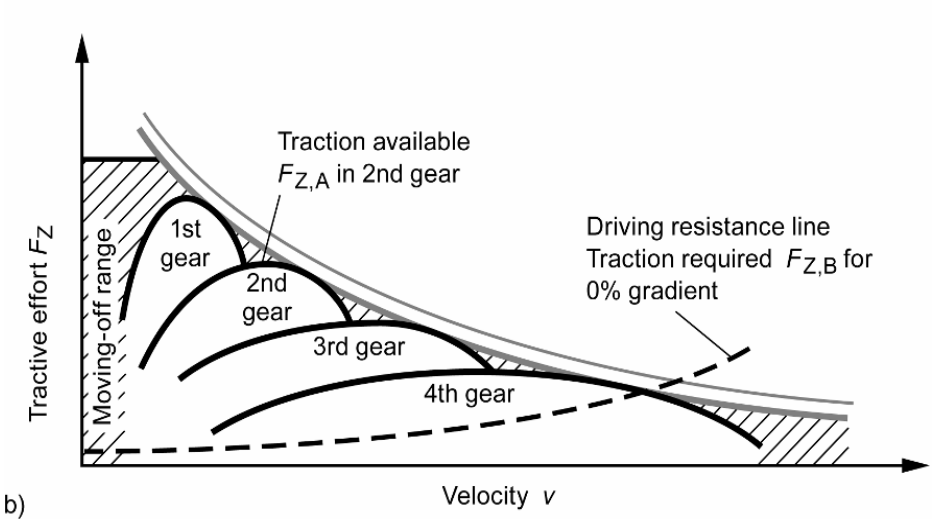
Propulsion characteristics of conventional engines





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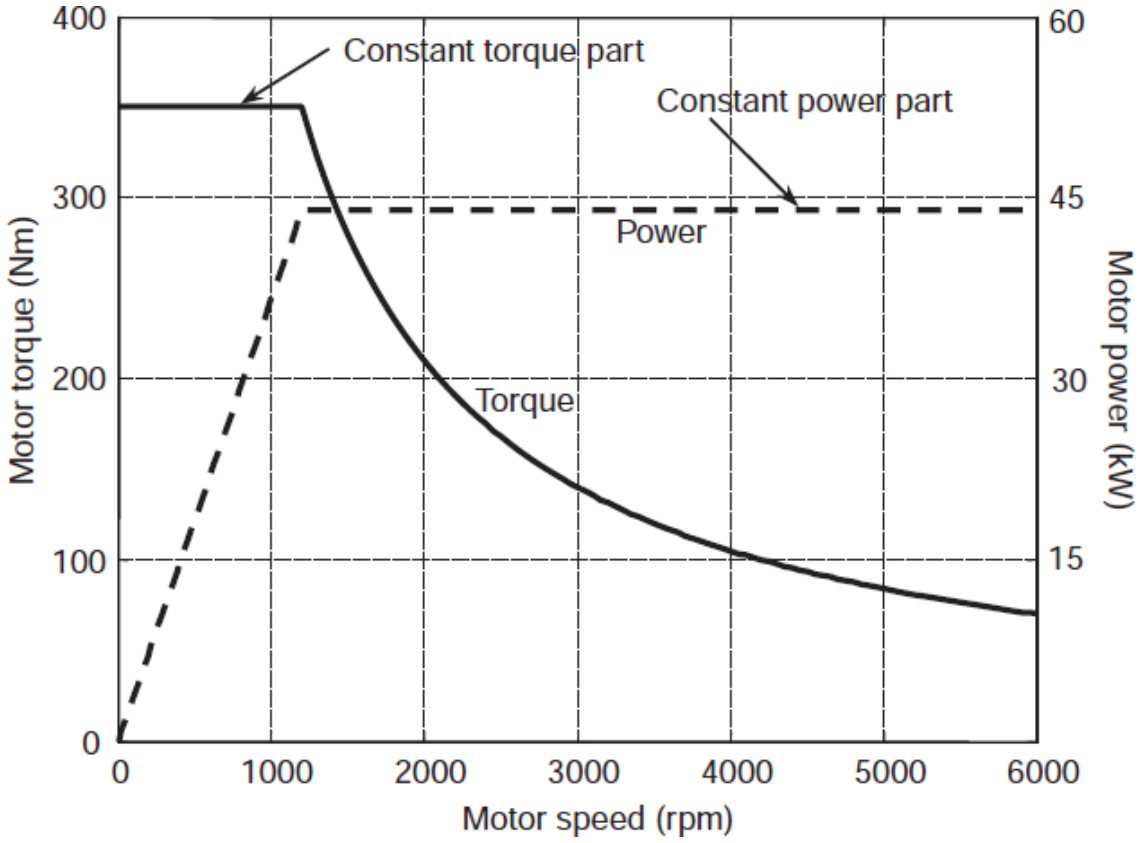
Propulsion characteristics of electric motors (1)



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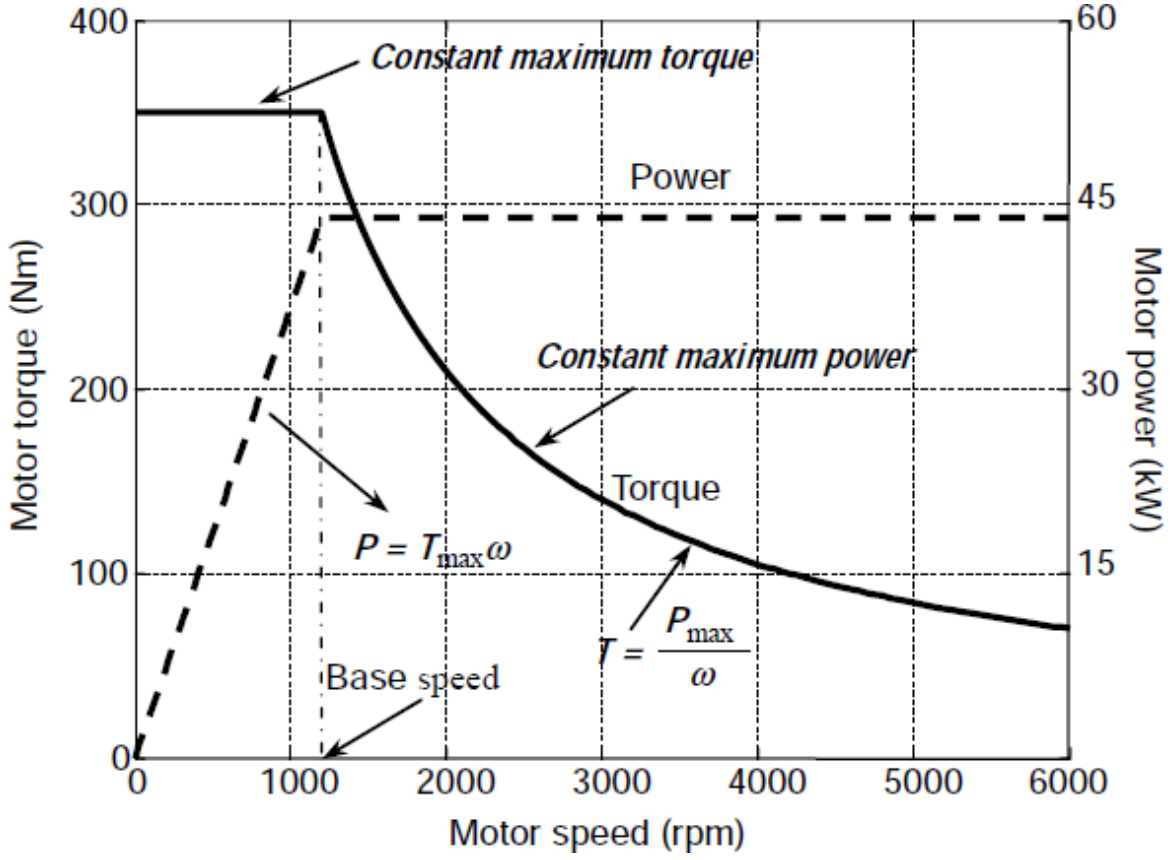
Propulsion characteristics of electric motors (2)



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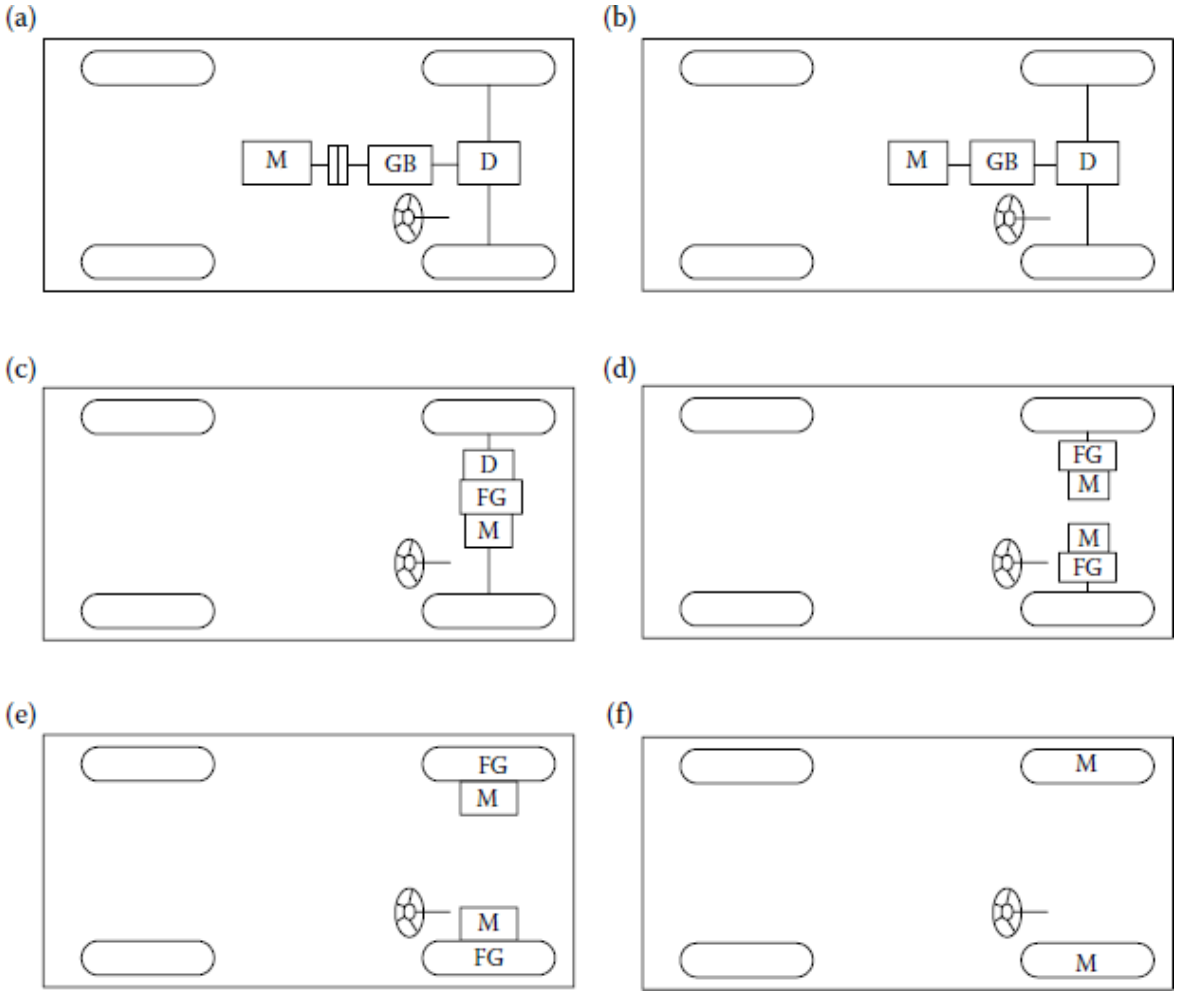
Powertrain Configuration of Electric Vehicles



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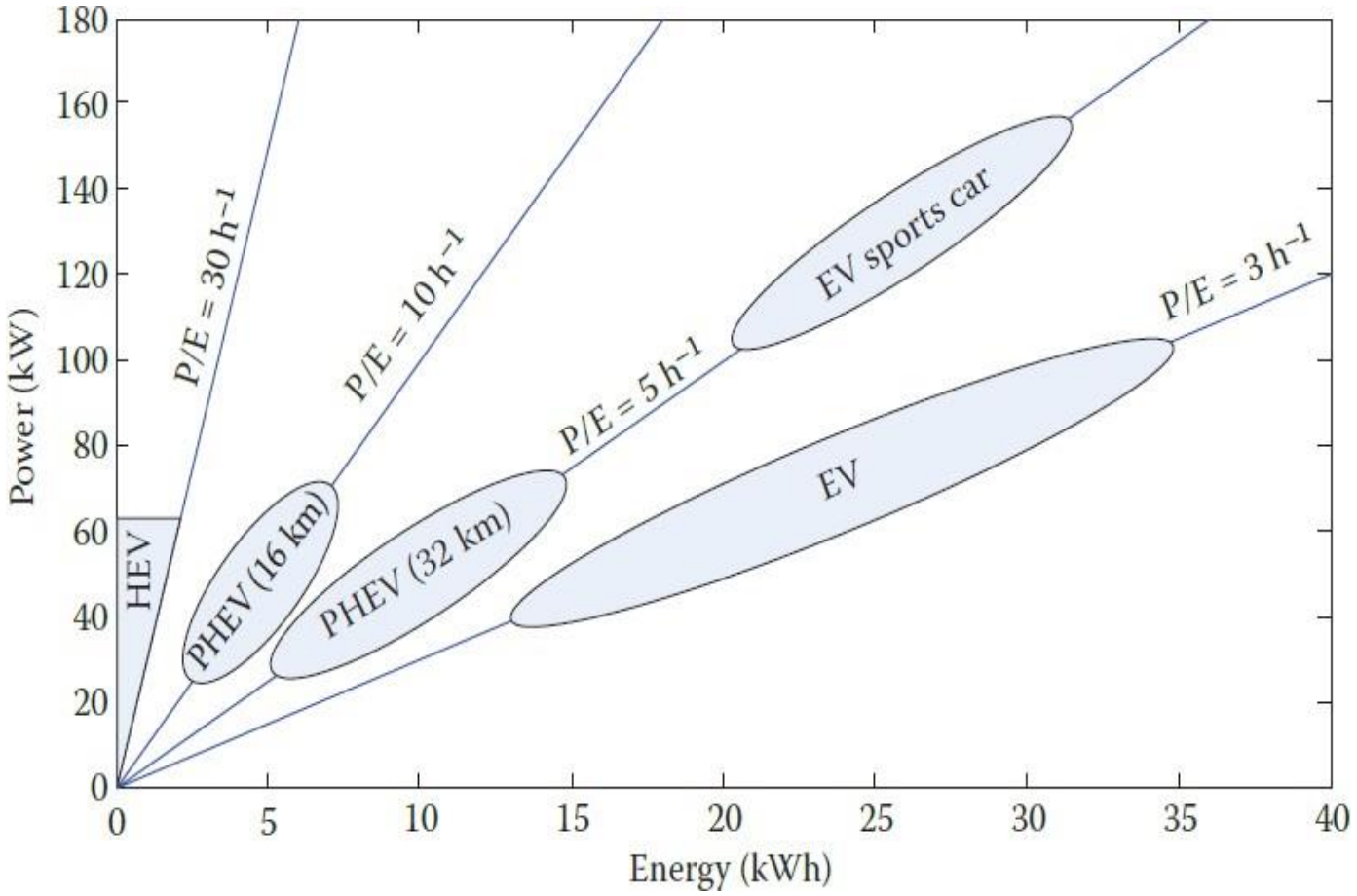
Power Sources of Electric/Hybrid Vehicles (1)



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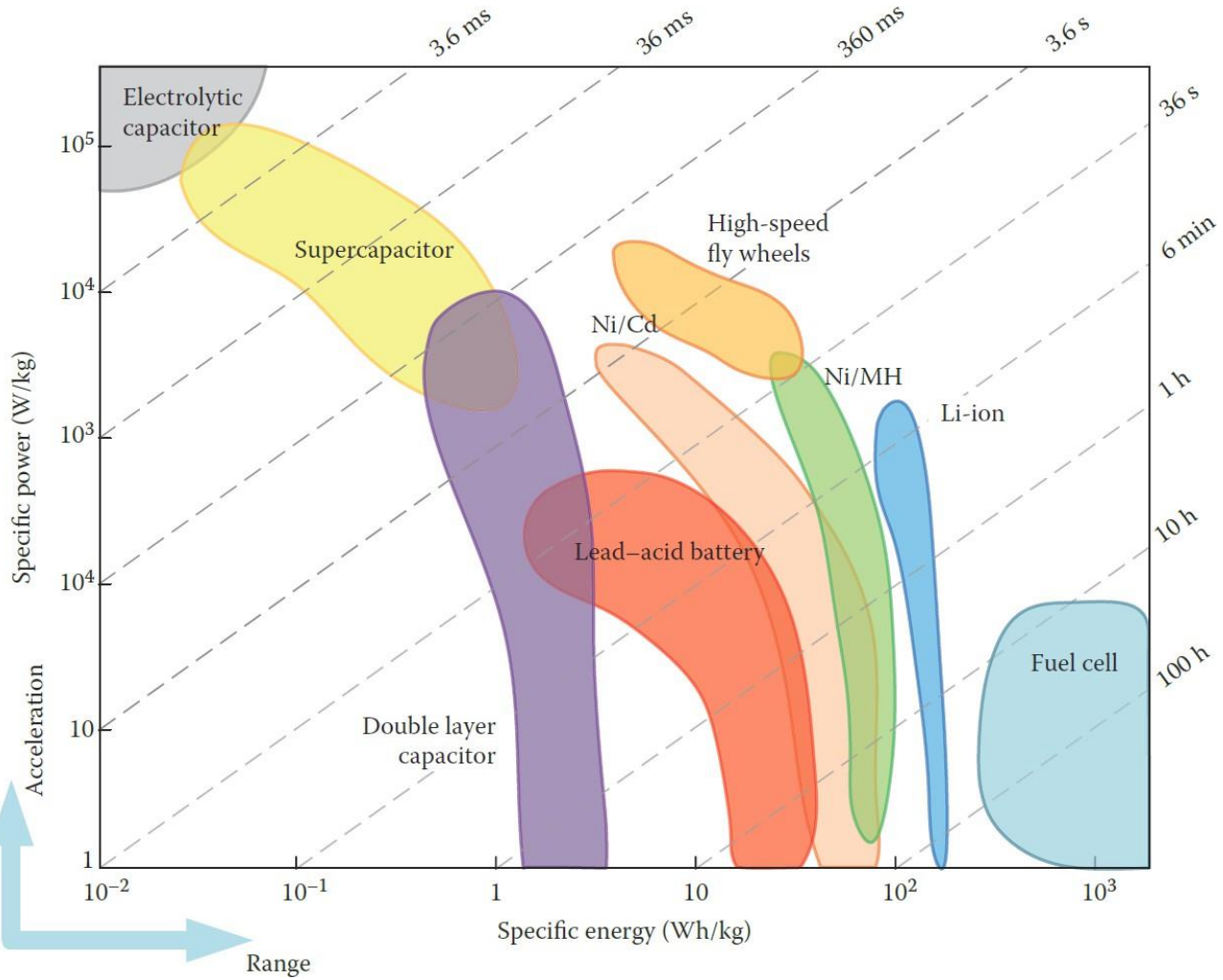
Power Sources of Electric/Hybrid Vehicles (2)



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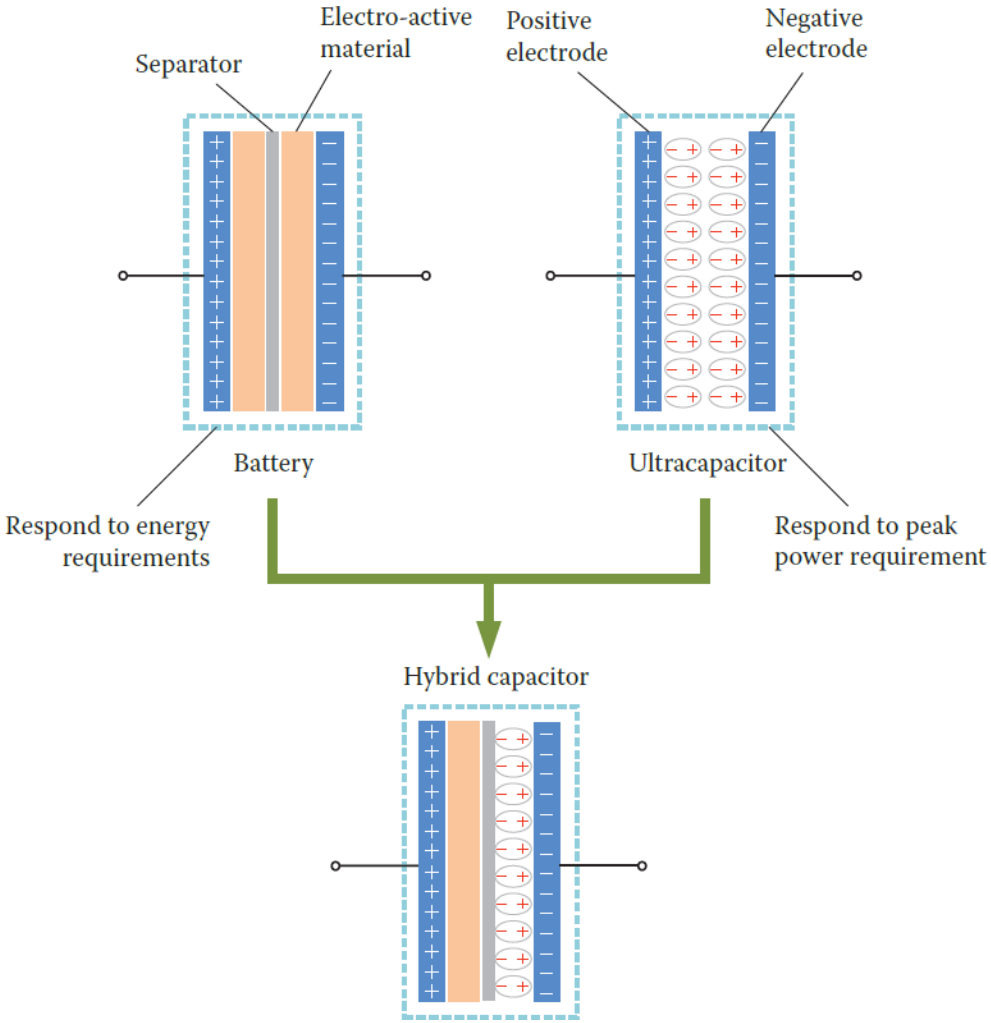
Hybrid Power Sources for Electric Vehicles



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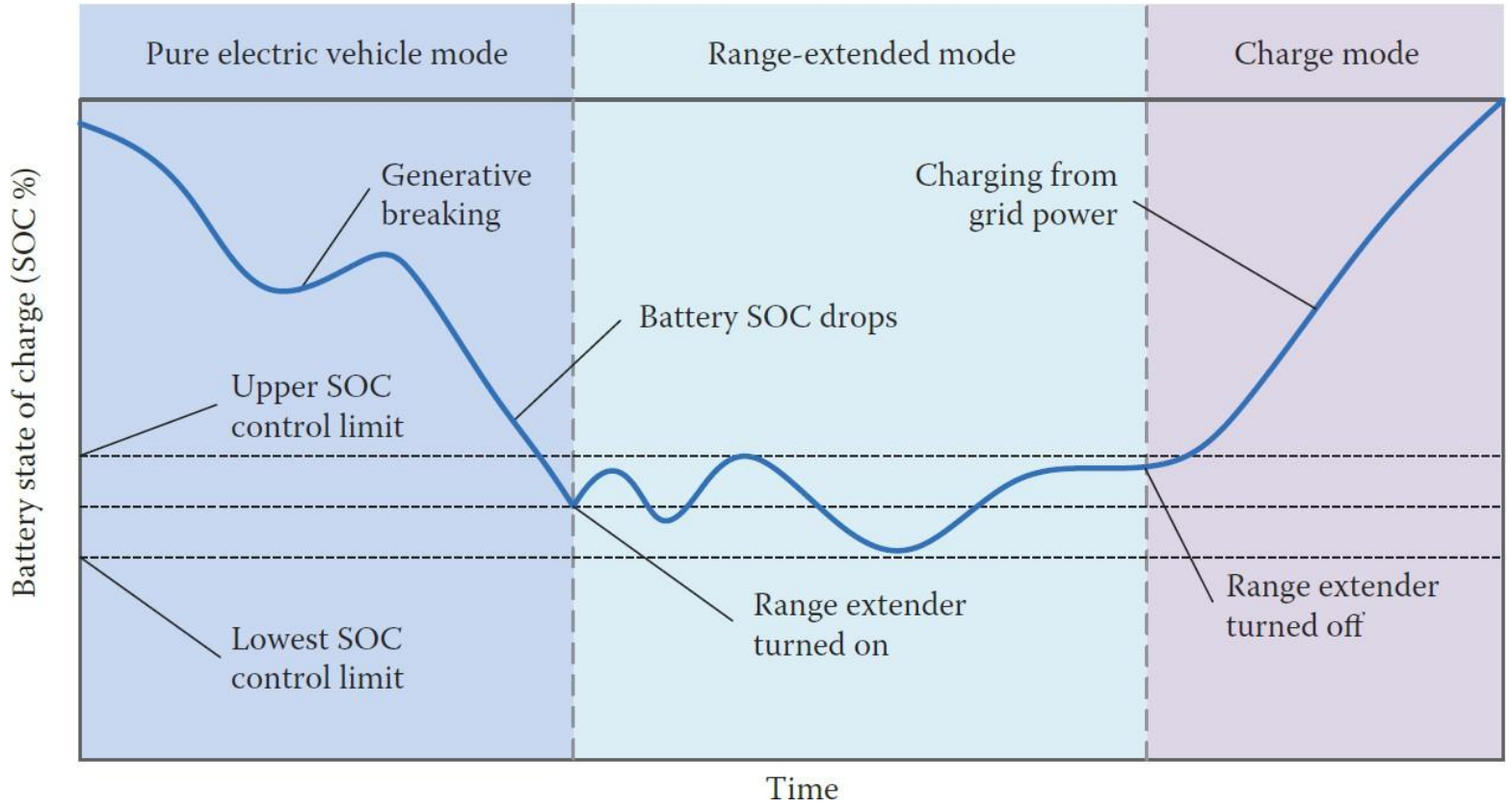
Increasing the Driving Range of Electric Vehicles (1)



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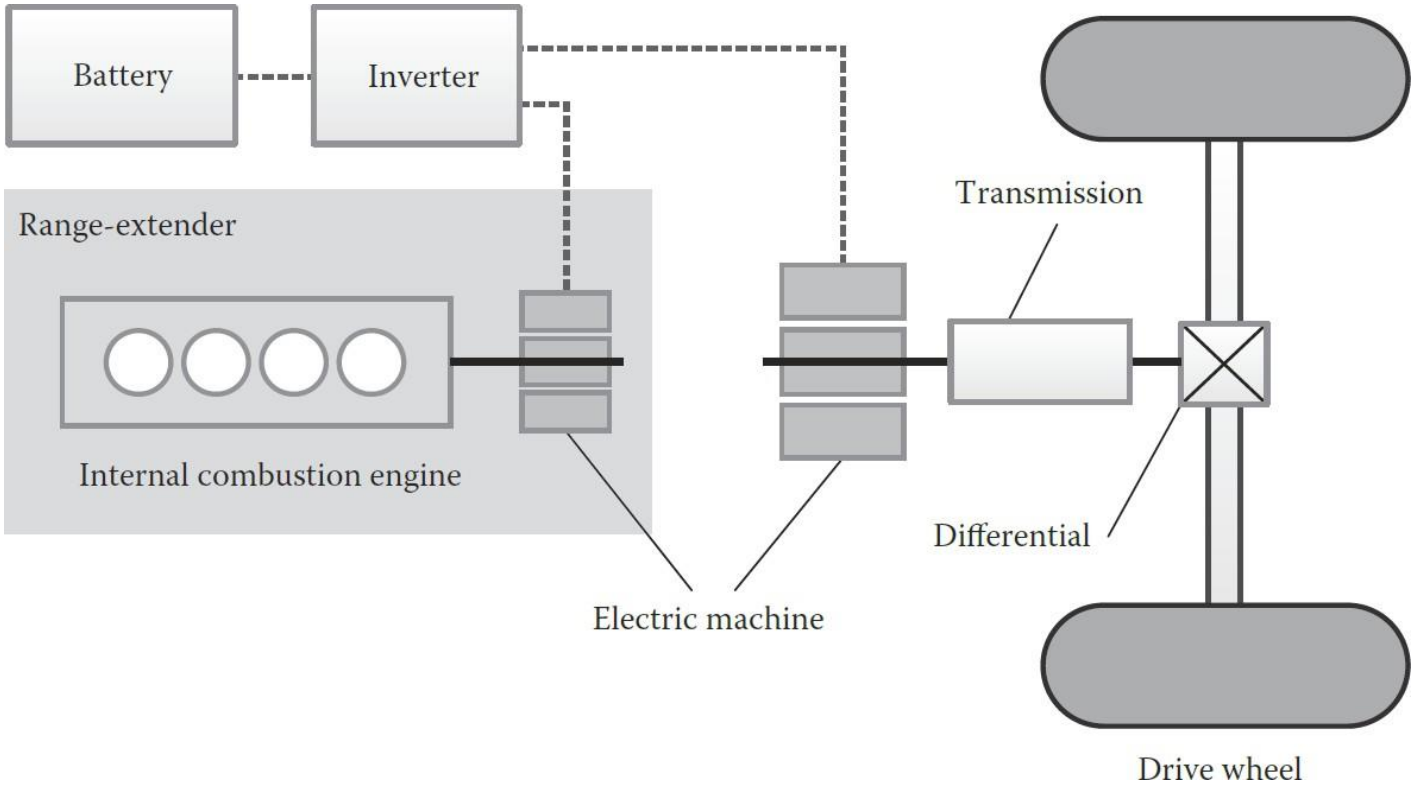
Increasing the Driving Range of Electric Vehicles (2)



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Increasing the Driving Range of Electric Vehicles (3)