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Electric Vehicles for Smart Village

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Abstract: Today transport accounts for about 60 % of total world oil consumption. This global problem of Energy for propulsion motivates the automotive industry to turn to the electric drive. All major automobile manufacturers attentions are shifted to electrically propelled battery-operated electric vehicles (BEV). Improve the existing power system efficiency, alternate fuels, new materials or alternate power systems like electric vehicles. EV is a road vehicle based on modern electric propulsion consisting of electric machines, power electronic converters, electric energy sources and storage devices, and electronic controllers; EV is a broad concept, including BEV, HEV, FCEV, etc.

Keywords: EV, Vehicle, Hybrid, Battery Management System

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