

Battery Technology of an Electric Vehicles

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Abstract: *Rising prices of fuel and dependency on exportation is big challenge to India. Electric vehicles not only reduce the dependency on fossil fuel but also diminish the impact of ozone depleting substances and promote large scale renewable deployment. India has potential to sell electric vehicles in large number to curb the menaces of degrading air quality index. Electric vehicles are becoming popular due to less movable parts, eco-friendly and ease of maintenance. The paper provides an overview of the studies of battery of Electric Vehicle, state of health and battery safety.*

Keywords: Electric Vehicle, Battery Management System, Electric Motors, Li-ion Battery, SOC, DOD SOH DOE, HEV, BEV, etc.

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