IJARSCT
ISSN (Online) 2581-9429
International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)
International Open-Access, Double-Blind, Peer-Reviewed, Refereed, Multidisciplinary Online Journal
Impact Factor: 7.53
Volume 4, Issue 2, February 2024

Auto Recharge of Electrical Vehicle Battery

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Abstract: *The ever rapidly growing transportation sector consumes about 49% of oil resources. Following the current trends of oil consumption and crude oil sources, the world's oil resources are predicted to be depleted by 2038.Therefore, replacing the non-renewable energy resources with renewable energy sources and use of suitable energy-saving technologies seems to be mandatory. In the present scenario the vehicles are one of the most pollution producing agents in the nature. To overcome from this pollution electric car is the best. Electric car is an idea from 18th century, and still, it is under implementation with more advance methods. As we know that by using the MG-Set (motor generator set), we can regenerate the power dissipated in the motor. It can also be used as variable frequency ac or dc supply for any device. By mechanical energy we can produce electrical output using MG-Set principle, so this can be worked as engine in the modern electric car to replace the IC-engine (Internal combustion engine), which has the higher capacity as compared to IC-engine.*

Keywords: Electric Vehicle, Auto Recharge, Battery Supply, DC Motor, Wheel Armature

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