

# Solar Powered Electric Cycle

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**Abstract:** *Global warming and increasing fuel prices in India, taking these two problems in consideration, it is the step towards reducing the use of more fuel consuming vehicles and attract the eye of people towards its alternatives i.e. Solar bicycle. The main aim of this project is to present the idea of harnessing the various energy and use it in today's existence of human life. Now-a-days there are so many vehicles on road, which consumes more fuel and also hazards our environment. A method of upgrades a conventional electric powered bicycle over to Solar-Powered Electrical Bicycle that is powered by an electric motor which gets its supply from photovoltaic (PV) panels.*

**Keywords:** Dynamo, Motor, Hub-motor, Travelling, Electric Bike, Electric Energy, Solar Panels, Fuel Economy etc.

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