

ELECTRIC VEHICLES AS OUR FUTURE

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An electric car is the future of cars. It is gaining popularity due to the rapid improvement of its technology. It has an environmentally friendly concept, as well as economic efficiency. So, what is an electric car, and what are its advantages?

Electric vehicles are those vehicles that use one or more electric motors to drive. This electric car concept was first conceived in the 1880s. Hungarian Anjos Yedlik is the first person who invented the original type of electric motor, from which in 1828 he created a small car model. As the technology developed, the desire to create a better model for electric vehicles grew [1].

Why should people use electric cars? Why do people choose an electric car in spite of conventional cars with an internal combustion engine (IC) being affordable?

Firstly, electric vehicles are harmless to the environment, because they are silent and do not emit carbon dioxide during operation, unlike diesel analogues. That's because electric cars don't burn any fuel. Instead, they have an electric motor that runs quietly, propelling the car forward.

Secondly, the presence of an electric motor inside an electric vehicle also means that there is no gearbox. These engines are much more responsive, they accelerate faster than the gasoline counterparts. And it also explains why electric cars can seem easier and more maneuverable to drive.

Thirdly, the power plant in an electric car is not as complex as an internal combustion engine. Consequently, their maintenance costs are lower.

Fourthly, it is more convenient. The electric car is easy to charge, and the best part is that you can even use an ordinary household outlet to charge the electric car.

Fifthly, electric cars are much safer than gas cars. They do not explode or catch fire in accidents, and their batteries are designed in such a way as to minimize the risk of electric shock.

In addition, electric cars enjoy privileges in some cities. They can park for free in public areas, and in some cases electricity is provided free of charge [2].

Also, the popularity of electric vehicles is growing. With increasing popularity, new types of unique cars are entering the market, which provide you with a rich choice in the future.

Today, electric cars are great for short-distance trips and are ideal for weekends or for those who work at home. Electric car manufacturers continue to develop new technologies for electric vehicles on a daily basis to make this car efficient and worthwhile for everyone. You may be pleasantly surprised at what they can achieve in the next couple of years.

References

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