



**All Type Of  
Electric Scooter**

All About Electric  
Scooter

**ELECTRIC SCOOTER**

# What is an Electric Scooter?

As the name says, an electric scooter is a vehicle that runs with electric power. Unlike conventional scooters that run based on gas or oil, electric scooters don't require fuel for their functioning.

## How Do They Work?

Electric scooters consist of a motor and a battery that link together. The battery is charged by plugging it into an electrical power outlet. Once it is adequately charged, it is used to generate motion power and to push the scooter forward.

To control the speed and brakes, the rider can use the switches provided on the handle of the vehicle.

This is about basic constructs of electric scooters. Unlike gas scooters, which have complicated the design and needed fuel for functioning, electric scooters are relatively simple in design and power themselves with an electric charge.

## History of Electric Scooter

Electric scooters are not a new concept, but they are becoming more relevant in today's conditions, and more practical usage of them is being seen globally.

In fact, there is a wide variety of vehicles that run based on electricity. Such as an electric motorcycle, electric mobility scooter and an electric kick scooter. All these are called as an electric plug-in type of vehicles. And again, there are electric bicycles as well.

History of electric scooters dates back to almost a century.

In 1895, the initial idea and thoughts regarding electrically powered vehicles started shaping in. It was very evident that electricity was one of the sources of powering motors which in turn convert electrical energy into motion.

Since then, there have been numerous developments (it has been over a century now), and electric scooters have adapted themselves to changing faces of technology and are preferred as one of the personal transport vehicles now all over the world.

## Different Types of Electric Scooters

- **Electric Motorcycles**
- **Electric Kick Scooters**

- **Electric Mobility Scooters**
- **Electric Bicycles**
- **Electric Wheelchairs**
- **Electric Go-Kart**
- **Electric Tricycles**

## **Electric Motorcycles**

These are full-fledged vehicles powered by electricity, and can have good range and



attain great speeds as well.

They are widely used in professional racing events as well. These are suitable for motor racing professionals.

## **Electric Kick Scooters**



These are hugely popular amongst kids and adults alike, mainly because of their compact design and the fun involved while riding them.

Kick scooters are especially loved by children and teens since they enjoy riding these units and get the feeling of 'cruising' through the air. They are quite safe, considering that they usually don't run at high speeds.

On an average, electric kick scooters operate at speeds between 10 – 12 mph

## **Electric Mobility Scooters**

Differently-able people find a huge benefit in electric scooters, considering the convenience they have to offer.

Operating an electric scooter is easy and manageable. A 3 or 4 wheeled electric scooter is more suitable option in this category.

## Electric Bicycles/Bike



Also called as electric bikes, these are quite popular amongst people who like mountain biking and even for utilities such as travelling to nearby places. They offer even various health benefits when used as recommended by doctors.

Unlike electric motorcycles, electric bicycles don't prerequisite themselves to driving license laws in most of the countries. Electric bikes cover a range of 25-35 miles and gain speeds between 10 mph – 25 mph depending upon model and make.

One can also convert a regular bike into an electric bike using a bicycle motor conversion kit.

## Electric Wheelchairs



Wheelchairs powered by electricity have been helping physically disabled people to move around with ease and safely.

Modern electric wheelchairs are stylish and come with features such as rotating seat and headrests. Lots of improvements have been made for maximizing the comfort level as well.

## Electric Go-Kart



For people who love adventures, go-karting is one of the favorite activity, and electric go-kart vehicles only increase the fun element in their adventurous trips.

Brands like Razor have a huge collection of electric go kart vehicles. They work with electric charge and can cruise at speeds up to 15 miles/hour. Upon a single charge, you can expect them to run for 45 minutes – 1 hour.

These are even loved by kids, of course, it's advisable them to wear safety helmets and follow the right instructions while driving the vehicle.

Razor has to offer some great models in an electric go-kart, do check them out if you are looking for one.

## Electric Tricycle



kids and adults alike.

Like electric cycles, electric tricycles also appeal to

However, they are not as popular as electric scooters but find their utility in many situations.

They gain speeds up to 15 -20 miles/hour and have a range of 20-30 miles on a single charge. This makes them a convenient option of traveling to nearby places for some work or even just for having fun.

## Self-Balancing Electric Scooters

Being the latest craze, self-balancing electric scooters are fun, crazy and sometimes dangerous. Though very few makers have demonstrated the ability to 'hover', the innovation hasn't stopped



and we might actually see some functional hover boards very similar to the one that was seen in the popular movie 'Back to the Future'. At the present, self-balancing electric

scooters are commonly referred as hover boards. They work by balancing the rider once he/she learns the trick and gets a grip of balancing. Mega-brands like Razor, Segway, Power board lead the market segment here with their range of products in electric hover boards/skateboards.

## WHY YOU SHOULD BUY IT?

As the world faces global warming and climate change, more and more people are making green choices; they started shifting from traditional to alternative sources of energy like solar panels and wind energy. Still, the major thing that needs to be taken care of is transportation, as it emits thousands of tons of carbon dioxide per day. Hence, shifting from fuel burning vehicles to clean electric vehicles like electric scooters should be practiced to save the environment.

There are several electric scooters available in the market due to its high demand. But before purchasing a scooter, one should read electric scooters for kids and adults reviews first. How Scooters Differ

According to electric scooters for kids and adults reviews, purchasing electric scooters can be a daunting task; one should know the difference between adult scooters and kids scooters first. Well, the difference is in its purpose, speed and weight load capacity. Most kids' scooters are created with only eight year old kids in mind, meaning the max weight load will be 150 pounds only. While the speed will be low since it is only be used for games. More so, adults' scooters are made to run faster. It can also travel longer and it has a maximum weight capacity of up to 300 pounds. Things to Consider

Electric scooters for kids and adults reviews are here to help everyone decide how to choose the best electric scooter. And according to electric scooters for kids and adults reviews, in choosing an electric scooter, there are four main factors to consider,

The first to consider is purpose, where will it be used? Will it be used for a long haul or just a few blocks? The speed and load capacity of the scooter is also important.

You also need to consider the features – does the scooter need to have seats or not? Does it have to be a gas scooter too? Or will it be just a push scooter? These features will add up to the third factor which is the price, and as everyone knows, with increase feature there is an increase in price.

Price comparison also should always be done when purchasing anything because it will make decision making easier.

The last factor is the overall quality. In choosing a scooter, make sure that the brand is credible, and the scooter is sturdy and the item is made from durable materials. On



### Safety

Electric scooters for kids and adults reviews also make it clear that when a person decides to travel in an electric scooter, safety is always important. Some sellers include helmets and safety pads along with the scooter, especially for kid's scooters. For scooters for adults, these items can be purchased separately. It is important to invest in these safety gears because no one knows when accidents might happen. It is essential to always wear helmet and even safety pads when using the scooter. Also as a definite rule, be sure to follow traffic

rules, as most accidents happen because the driver tends to ignore the rules and so, for safety reasons, be a good citizen, follow traffic rules and always wear a helmet anywhere when driving.

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