Examples of Common Electric Bicycles



Class 1 Electric Bicycle

Common power range: 250-500 watts or .333 to .667 horsepower (Pictured bike: 250 watts) Maximum speed: 20 MPH



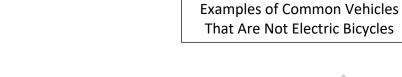
Class 2 Electric Bicycle

Common power range: 250-750 watts or .333 to 1 horsepower (Pictured bike 500 watts) Maximum speed: 20 MPH



Class 3 Electric Bicycle

Common power range: 250-650 watts or .333 to .8 horsepower (Pictured bike 250 watts) Maximum speed: 28 MPH





Electric Scooter

Common power range: 250-500 watts or .333 to .667 horsepower Maximum speed: 15-20 MPH Distinctions to an electric bicycle:

- No pedals for human propulsion
- No seat, must be stood upon
- Smaller wheels



Scooter or Moped

Common power range: 3 (50cc) to 20 horsepower (250cc)

Maximum speed: 25-60 MPH

Distinctions to an electric bicycle:

- No pedals for human propulsion
- More powerful motors
- Faster maximum speed
- Often combustion powered



Off-Road Motorcycle/Dirt Bike

Common power range: 6 (125cc) to 60 horsepower (450cc)

Maximum speed: 45+ MPH

Distinctions to an electric bicycle:

- No pedals for human propulsion
- Much more powerful motors
- Much faster maximum speeds
- Often combustion powered