

E-BIKE FACTS

An e-bike is any bicycle (or tricycle or adaptive bike) with either a built-in or post production electronic motor to assist your pedaling.

This doesn't replace your pedaling power - but enhances it!



Four Legal Classes:

Class 1 – assist up to 20MPH with **NO** throttle

Class 2 – assist up to 20MPH **WITH** a throttle

Class 3 – assist up to 28MPH with **NO** throttle

Multi-Class – throttle assist up to 20MPH with pedal assist up to 28mph

What is NOT an E-Bike?

Any motorized bicycle that doesn't fit into the **Four Legal Classes**. Check out the next fact sheet to learn how to spot an “e-moto” and avoid riding an unsafe or illegal vehicle.

Who Can Operate an E-Bike?

In MN, anyone over 15 years old can drive an electric bike.

E-Bike Laws & Safety:

Obey all traffic laws and signs, except for the “stop as yield” maneuver, where bikes are allowed to “roll through” a red stop sign when it is safe to do so.

Ride in the direction of traffic - never against (unless otherwise marked)

Signal turns when it's safe to do so

Use your lights at night -
White in front & red (or reflector) in back

Yield to pedestrians when on mixed-use trails and sidewalks and let them know you're coming

Move with extra caution on sidewalks - or avoid riding on them all together as it is less safe for most riders

Other Safety Tips:

E-Bikes may operate anywhere a non-electric bike may ride - except on certain multi-use trails.

Double check your local trail's rules!

Though not required by law, wear your helmet when you ride to **protect your brain**

Check your bike with an “ABC Quick Check” before you ride

Start out slow and low with the settings on your e-bike to gain comfort with the electronic assistance. It'll become intuitive quickly! Practice before you get on the road in a parking lot or on a quiet trail



IS IT AN E-BIKE? ...or Nah?



How to avoid getting on an illegal or unsafe 'e-moto'

Has **functioning** pedals

Marked as one of the **Four Legal Classes**

Sold at a reputable shop or online retailer

Maximum motor power of **750W**

Electronic components **certified by UL**
or similar

Has an **electric** assist built in or
professionally added after market

Has a **speed governor** capped at 20 or 28MPH

**Legal, safe, quiet, and
environmentally friendly!**



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BICYCLE ALLIANCE OF MINNESOTA

Pedals '**just for show**'
aka

you don't need to pedal to operate

Not '**classed**' or goes faster than 28MPH

Sold outside of retail regulations

Might be electric or gas powered

Might have no limit on top speed or the
governor has been altered in some way

Often **loud, dangerous,**
not **legally** an e-bike!

What About E-Scooters?

Electric scooters laws follow the same laws as
bicycles and have to follow these additional rules:

Riders under 18 must wear a helmet

Sidewalk riding is prohibited on e-scooters, always

Only one person per scooter - no stowaways!

For more information
on E-Bikes head to
bikemn.org/ebikes

