

# E-BIKES vs MOTOR-DRIVEN CYCLES vs MOTORCYCLES

Feature	E-Bikes	Motor-Driven Cycle	Motorcycle
Connecticut Definitions	<p>A bicycle with a motor that is less than 750 watts and functional pedals. The motor must shut off when reached the maximum speed. E-bikes must fit into one of these three classes outlined in statute:</p> <p><b>Class 1:</b> Pedal assist only with a max speed of 20 miles per hour.</p> <p><b>Class 2:</b> Has a throttle and a max speed of 20 miles per hour.</p> <p><b>Class 3:</b> Pedal assist only with a max speed of 28 miles per hour.</p>	<p>A two or three wheeled vehicle with a seat of at least 26 inches and an electric motor of 3,700 watts or less, less than 50 CCs, or that produces 5 brake horsepower or less.</p> <p>There is no lower limit for Motor-driven cycles, and the statutory definition specifically includes electric bicycles that are not e-bikes.</p>	<p>A motor vehicle with no more than three wheels, a saddle or a platform to stand on, and handlebars.</p> <p>Included in this category are certain electric vehicles that have a motor over 3,700 watts or 50 CCs or more.</p>
Pedals	Must have functional pedals.	May or may not have pedals.	No pedals.
License and Registration Requirements	No license or registration required however Class 3 e-bikes are restricted to those ages 16 and up.	Requires a valid driver's license, (Class D).  Registration is not required if the vehicle meets the motor and seat height criteria.	Requires a motorcycle endorsement on a valid driver's license and registration with the Department of Motor Vehicles.
Helmet Requirements	Required for all riders of all ages.	Required for all riders under 18.	Required for all riders and passengers under the age of 21.