

HB 87 Electric-Assisted Bicycles

Representative Wool

Staff: Ashley Carrick



Goals of HB 87:

1

» Regulate electric-assisted bicycles as bicycles

2

» Update statute to reflect technological advances

3

» Bring clarity to consumers and retailers on electric-assisted bicycle laws

New Definition for Electric-Assistance Bicycle

A bicycle that is:

- Designed to travel with not more than three wheels in contact with the ground
- Has fully operative pedals for human propulsion
- Is equipped with an electric motor that has a power output of not more than 750 watts (1 hp)

Electric-bicycles are further defined by the following three classes:

Class 1: bicycles that assist only while the rider is pedaling and that stop providing assistance at the speed of 20 miles per hour

Class 2: bicycles that can propel whether or not the rider is pedaling and that stop providing assistance at the speed of 20 miles per hour

Class 3: bicycles that assist only while the rider is pedaling and that stop providing assistance at the speed of 28 miles per hour

Overview of Electric Bike Regulations

ELECTRIC BICYCLE RULES FOR THE ROAD

MODEL LEGISLATION

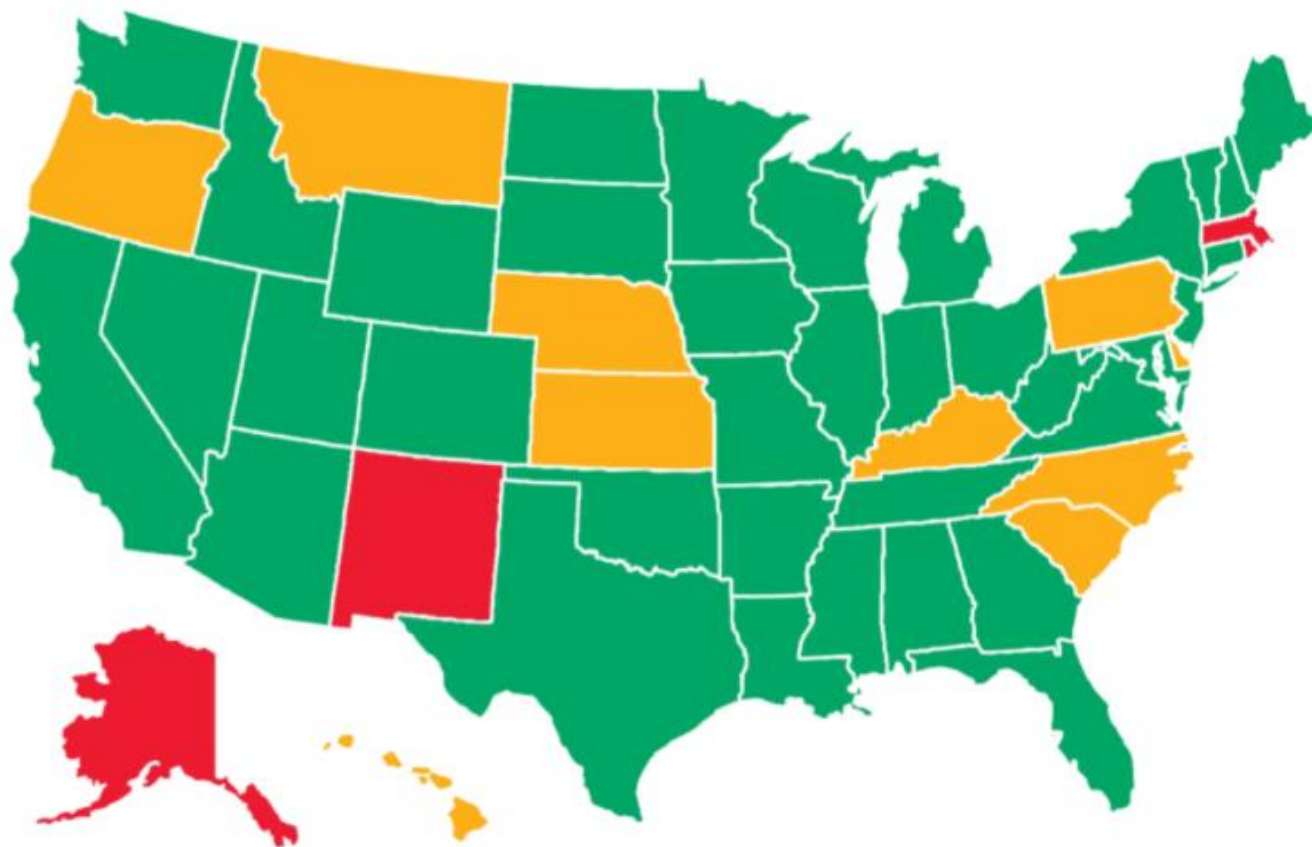
» States that have enacted PeopleForBikes' model law, which defines and regulates three classes of electric bicycles within states' motor vehicle codes, gives riders similar rights and duties to that of traditional bicycle riders.

ACCEPTABLE

» Regulated as a bicycle
» Passengers allowed
» No age minimum
» No licensing or registration required
» Can use existing bike infrastructure

PROBLEMATIC

» Regulated as a moped or motor vehicle
» Confusing equipment + use requirements
» Confusing licensing + registration requirements
» Confusing access to bike infrastructure



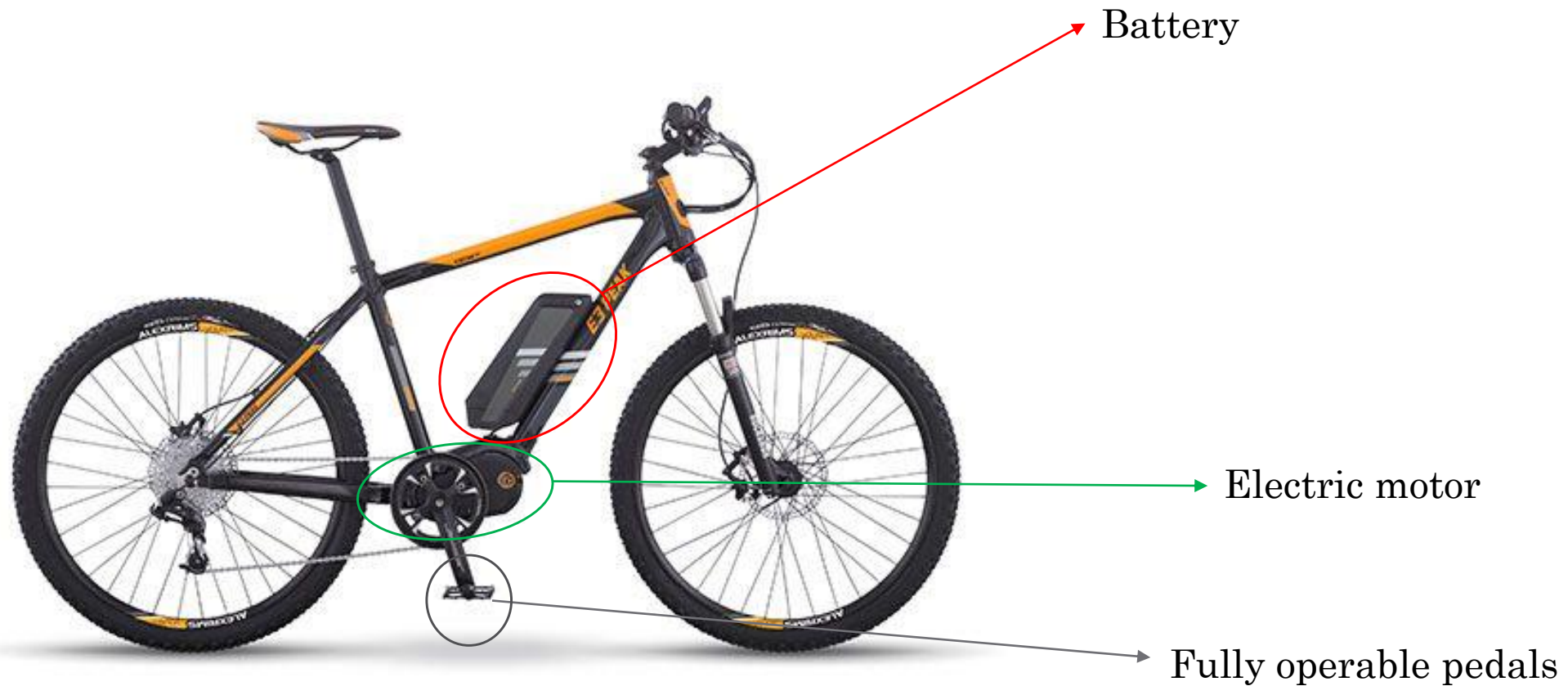
E-Bikes are NOT:

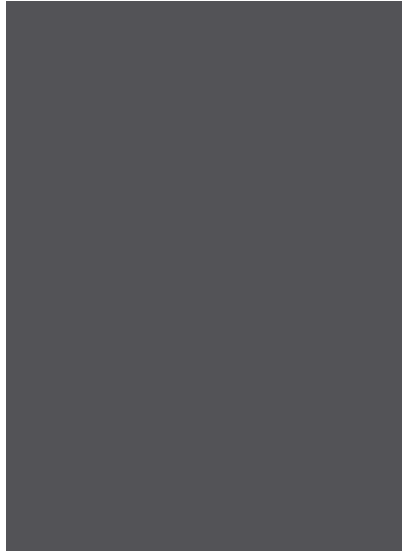
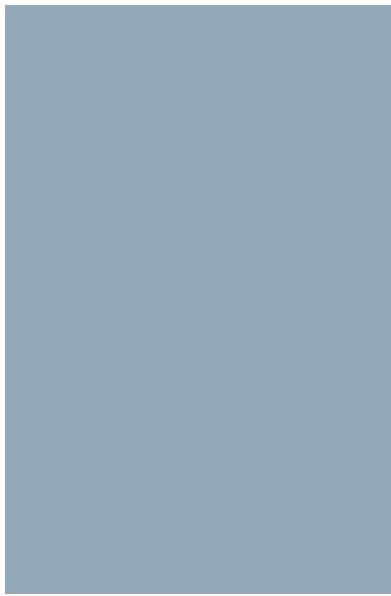
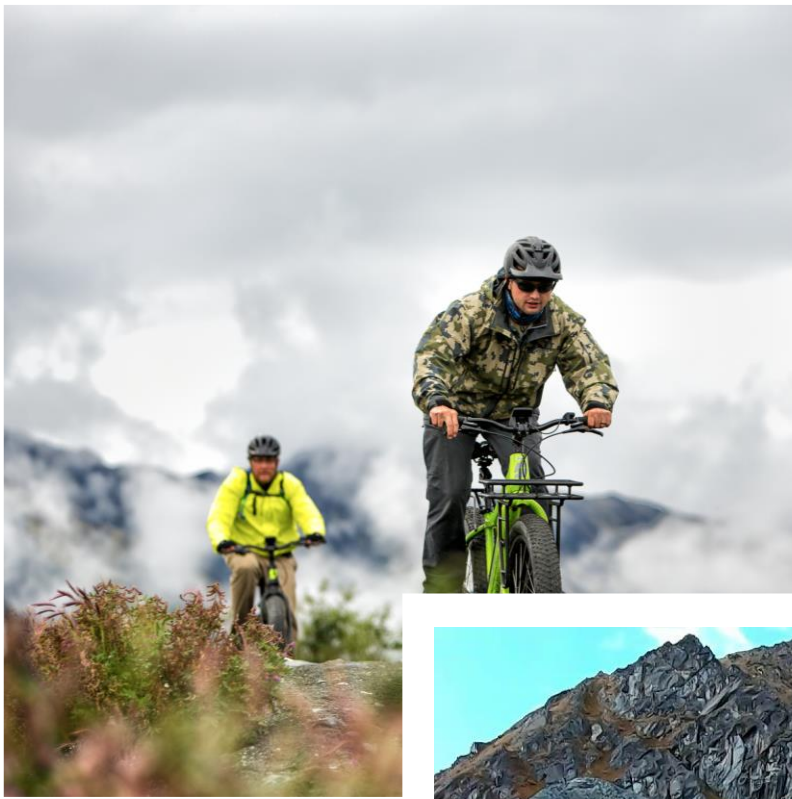
Mopeds
Motor Scooters
Dirt Bikes
Segways
Motorcycles
Cars
Electric Wheelchairs



- E-Bikes must have fully operative pedals
- E-Bike engine size is not more than 750 watts

Example Electric-Assisted Bicycle





Questions?