

# Electric Bicycle Regulations

Federal Law says an electrically driven bicycle is considered a "bicycle" and the laws of bicycles apply if:

- Electrically driven bicycle has less than a 150 watt motor
- Functional pedals
- Max Speed is less than 20mph

The Federal Law shall supersede any State Law or requirement with respect to low-speed electric bicycles. (The state must regulate the electric bicycle as a bicycle.)

- Federal definition of a bicycle
- Sec. 1512.2. [Amended]

2. Amend Sec. 1512.2, to revise paragraph (a) to read as follows:

(a) Bicycle means:

## SECTION 1. CONSUMER PRODUCT SAFETY ACT.

The Consumer product Safety Act (15 U.S.C. 2051 et seq) is amended by added at the end of the following:

### LOW SPEED ELECTRIC BICYCLES

SEC. 38. (a) Notwithstanding any other provision of law, low-speed electric bicycles are consumer products within the meaning of section 3(a)(1) and shall be subject to the Commission regulations published at section 1500.18(a)(12) and part 1512 of 16 C.F.R.

(b) For the purpose of this section, the term 'low-speed electric bicycle' means a two- or three-wheeled vehicle with fully operable pedals and an electric motor of less than 750 watts (1 h.p.), whose maximum speed on a paved level surface, when powered solely by such a motor while ridden by an operator who weighs 170 pounds, is less than 20 mph.

(c) To further protect the safety of consumers who ride low-speed electric bicycles, the Commission may promulgate new or amended requirements applicable to such vehicles as necessary and appropriate.

(d) This section shall supersede any State law or requirement with respect to low-speed electric bicycles to the extent that such State law or requirement is more stringent than the Federal law or requirements referred to in subsection (a).

# E-ROAD ELECTRIC BICYCLE

## Savings

0.25 for 50 miles

## Autonomy

Over 35 Miles Free  
Friendly for the City

Battery: 1Ah - 48V

Charging Period: 6 - 8 h

Charger: 220/110V, 50/60 Hz

## Information

Motor Power 500 W

Max Speed 20 mph

Pedaling Speed 4 mph

Net Weight 243 lb

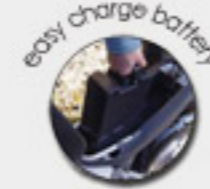
## Ecology

No CO Pollution

Noise Free

No Vibrations

## Colors



# Technical Description

Dimensions 1645x620x1010 mm

Wheel Base 1130 mm

Net Weight (without battery) 143 mm

Maximum Speed 20 mph

Max Loading Weight 125 kg

Battery Life ~ 35 miles

Pedalling Speed: 4 mph

Battery Capacity: 15 Ah

Voltage: 48 v

Motor Power: 500 w

Threshold protection for weak voltage: 31.5v + 0.5

Threshold protection for overcharge voltage: 15h + 1.0

# Safety Tips

Always wear a helmet, glasses and protective clothing

Do not wear overly loose clothing as you may risk getting it tangled in wheels, steering, etc.

Please respect the laws of the road and ride your E-ROAD appropriately.

Your electric E-ROAD rides faster than a conventional bike, slow down on rainy days and keep your distance from other vehicles.

Do not ride in places where water emerges past 1/3rd the height of the wheels.