



### Electric Bicycle Regulations

- Federal law says that an electrically driven bicycle is considered a "bicycle" and the laws of bicycles apply if:
  - Electrically driven bicycle has less than 750 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. to read as follows:

- (1) A two-wheeled vehicle having a rear drive wheel that is solely human-powered;
- (2) 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 less than 20 mph.

• Federal Public Law of "Low-Speed Electric Bicycles"  
Public Law 107-319 (below)

### Federal Electric Bicycle Law HR 727



#### 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 title 16, Code of Federal Regulations.

(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).

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