

Electric Bicycle Laws by State and Province



| Area | Identity | Electric Bicycle Laws by State and Province | | | | | | | | | | | Law references |
|----------------|---------------------------------|---|----------|---------------|-----|---------|-------|---------|----------|---------|--------|------------|---|
| | | Bicycle? | License? | Registration? | Age | Power | Speed | Pedals? | Federal? | Helmet? | Paths? | Sidewalks? | |
| Alabama | Motor-Driven Cycle | N | Y | Y | 14 | 150 cc | -- | N | N | Y | N | N | Ala. Code § 32-1-1.1 (2013); § 885-1-1-.05; 32-5A-245; 32-12-41 |
| Alaska | Motor-Driven Cycle | N | Y | N | 14 | 50 cc | -- | N | N | N | N | N | Alaska Stat. § 28.90.990 |
| Arizona | Motorized Electric Bicycle | Y | N | N | -- | 48 cc | 20 | N | N | N | Y | Y | Ariz. Rev. Stat. § 28-2516 |
| Arkansas | Electric Bicycle** | Y | N | N | -- | 750 W | 20 | Y | N | N | Y | Y | Ark. Code § 27-51-1702; § 27-51-1703 to 1706 |
| California | Electric Bicycle** | Y | N | N | -- | 750 W | 20 | Y | N | N | Y | Y | Cal. Veh. Code. § 312.5; § 21200 - 21212; § 21207.5; § 24016 |
| Colorado | Electrical assisted Bicycle** | Y | N | N | -- | 750 W | 20 | Y | N | N | Y | Y | Colo. Rev. Stat. § 42-1-102 (28.5); 42-3-103(1)(b)(l) ; 42-4-111(1)(dd) ; 42-4-221(9)-(10); 42-4-1412 |
| Connecticut | Motor-Driven Cycle | N | Y | N | 16 | 50 cc | -- | N | N | N | N | N | Conn. Gen. Stat. § 248-14-1 (52); § 248-14-286 |
| D. C. | Motorized Bicycle | Y | N | N | 16 | -- | 20 | Y | N | N | N | N | D.C. Code § 18:99-01; § 50:1501.01-03; D.C. Act 19-658 |
| Delaware | Bicycle | Y | N | N | -- | 750 W | 20 | Y | Y | N | Y | Y | Del. Code tit. 21 § 1-101 (2); tit. 21 § 41 |
| Florida | Bicycle | Y | N | N | 16 | -- | 20 | Y | N | N | Y | Y | Fla. Stat. § 322.01; § 316.003 |
| Georgia | Electric Assisted Bicycle | Y | N | N | 15 | 1000 W | 20 | Y | N | Y | Y | N | Ga. Code § 40-1-1 (15.5); § 40-6-294; § 40-6-351; § 40-6-352 |
| Hawaii | Moped | N | Y | Y | 15 | 1491 W† | 30 | N | N | N | N | N | Haw. Rev. Stat. § 14:249-1; § 17:286-81; § 17:291C-194 |
| Idaho | Moped | N | Y | N | -- | 50 cc | 30 | N | N | N | | Y | Idaho Code § 49-114; § 49-721; § 49-1428 |
| Illinois | Low-Speed Electric Bicycle** | Y | N | N | -- | 750 W | 20 | Y | N | N | Y | Y | 625 Ill. Comp. Stat. 5/1-140.10; 625 ILCS 5/11-208; 625 ILCS 5/11-1517 |
| Indiana | Motorized Bicycle | Y | N | N | 15 | 50 cc | 25 | N | N | N | | N | Ind. Code § 9-13-2-109; § 9-21-11-12 |
| Iowa | Bicycle | Y | N | N | -- | 750 W | 20 | Y | Y | N | Y | Y | Iowa Code § 321.1 |
| Kansas | Electric Assisted Bicycle | Y | N | N | -- | 1000 W | 20 | Y | N | N | Y | Y | Kan. Stat. § 8-1489 |
| Kentucky | Bicycle | Y | N | N | -- | -- | -- | Y | N | N | Y | Y | Ky. Admin. Reg. 601 §14:020 (1)(a) |
| Louisiana | Motorized Bicycle | N | Y | Y | 15 | 1119 W† | 25 | N | N | Y | | N | La. Rev. Stat. § 32:401 (19); § 32:198; § 32:190 |
| Maine | Motorized Bicycle | N | Y | Y | 16 | 1119 W† | 20 | N | N | N | | Y | Me. Rev. Stat. tit. 29-A § 101-1 (41); tit. 29-A § 11; tit. 29-A § 19; tit. 29-A § 2063 |
| Maryland | Electric Bicycle | Y | N | N | -- | 500 W | 20 | Y | Y | N | Y | N | Md. Code, Com. Law § 11-117.1; § 21-1200 |
| Massachusetts | Motorized Bicycle | N | Y | Y | 16 | 50 cc | 25 | N | N | Y | Y* | Y* | Mass. Gen. Laws ch. 14, §§ 90-1B~E; ch. 14 § 90-1 |
| Michigan | Electric Bicycle** | Y | N | N | -- | 750 W | 20 | Y | N | N | Y | Y | Mich. Comp. Laws § 257.13e; § 324.72105(2)-(4); § 500.3101(c)(i)(viii); § 657; § 662a; |
| Minnesota | Electric-Assisted Bicycle | Y | N | N | 15 | 1000 W | 20 | Y | N | N | Y | Y | Minn. Stat. § 169.011 (27); § 168A.03; § 160.263 |
| Mississippi | Bicycle with a Motor Attached | Y | N | N | -- | -- | -- | N | N | N | Y* | Y* | Op. Atty. Gen. No. 2007-00602; Op. Atty. Gen. No. 2011-00095; Miss. Code § 63-3-103 |
| Missouri | Motorized Bicycle | N | Y | N | 16 | 2238 W† | 30 | N | N | N | | N | Mo. Rev. Stat. § 301.010 (36); § 300.347; § 307.180; § 307.195 |
| Montana | Electrically Assisted Bicycle | Y | N | N | -- | -- | 20 | Y | N | N | Y | Y | Mont. Code § 61-8-102(2)(g) |
| Nebraska | Electric Assisted Bicycle | Y | N | N | -- | 750 W | 20 | Y | N | N | Y | Y | Neb. Rev. Stat. § 60-611 |
| Nevada | Electric Bicycle | Y | N | N | -- | 750 W | 20 | Y | Y | N | Y | N | Nev. Rev. Stat. § 484B.017; § 484B.777; § 484B.117; § 483.090 |
| New Hampshire | Electrically Powered Bicycle | Y | N | N | 14 | 750 W | 20 | Y | Y | N | | N | N.H. Rev. Stat. § 259:65 |
| New Jersey | Motorized Bicycle | N | Y | Y | 15 | 1119 W† | 25 | N | N | Y | N | N | N.J. Rev. Stat. § 39:1-1; § 39:3-10 |
| New Mexico | Moped | N | Y | N | 15 | 50 cc | 30 | N | N | N | | N | N.M. Stat. § 66-1-4.11; § 66-1-4.2; § 66-5-2 |
| New York | Motor-Assisted Bicycle | N | Y | Y | -- | -- | -- | N | N | N | N | N | N.Y. Veh. & Traf. Law § 102; § 123 |
| North Carolina | Electric Assisted Bicycle | Y | N | N | 16 | 750 W | 20 | Y | Y | N | | N | N.C. Gen. Stat. § 20-4.01 (7a & 49) |
| North Dakota | Motorized Bicycle | N | Y | Y | 14 | 50 cc | 30 | Y | N | N | | N | N.D. Cent. Code § 39-01-01 (48); 39-06-14.1 |
| Ohio | Motorized Bicycle | N | Y | Y | 14 | 745 W† | 20 | Y | Y | N | | N | Ohio Rev. Code § 4501.01(L); § 4511.521; § 4511.711 |
| Oklahoma | Electric-Assisted Bicycle | N | Y | N | -- | 1000 W | 30 | Y | N | N | Y | Y | Okla. Stat. tit. 47 § 1-104; tit. 47 § 11-805.2; tit. 47 § 11-1103 |
| Oregon | Electric Assisted Bicycle | Y | N | N | 16 | 1000 W | 20 | Y | N | N | Y | N | Or. Rev. Stat. § 801.258; § 814.405; § 814.410; § 807.020 |
| Pennsylvania | Pedalcycle with Electric Assist | Y | N | N | 16 | 750 W | 20 | Y | Y | N | | Y* | Senate Bill 997; 75 Pa. Cons. Stat. § 102; 75 Pa.C.S. § 3525; 75 Pa.C.S. §3703 |
| Rhode Island | Electric Motorized Bicycle | N | Y | N | 16 | 1491 W† | 25 | Y | N | N | | Y | R.I. Gen. Laws § 31-1-3; § 31-3-2.2; § 31-19.1.1 |
| South Carolina | Moped | N | Y | N | 14 | 1491 W† | 30 | N | N | N | | N | S.C. Code § 56-5-165; § 56-1-1720 |
| South Dakota | Moped | N | Y | N | 14 | 50 cc | -- | N | N | N | | N | S.D. Codified Laws § 32-3-1; § 32-20-1; § 32-5-1.2; § 32-26-21.1 |
| Tennessee | Electric Bicycle** | Y | N | N | -- | 750 W | 20 | Y | N | N | Y | N | Tenn. Code § 55-8-172-177; § 55-*171(c) |
| Texas | Electric Bicycle | Y | N | N | -- | -- | 20 | N | N | N | Y | Y | Tex. Trans. Code §541.201 (24); §541.202 (4); §551.106 |
| Utah | Electric Bicycle** | Y | N | N | 14 | 750 W | 20 | Y | N | N | Y | N | Utah Code § 41-6a-102 (7-9, 16); § 41-6a-1115.5; § 41-6a-1505; |

Electric Bicycle Laws by State and Province



| Area | Identity | Bicycle? | License? | Registration? | Age | Power | Speed | Pedals? | Federal? | Helmet? | Paths? | Sidewalks? | Law references |
|-----------------------|---------------------------------|----------|----------|---------------|-----|---------|-------|---------|----------|---------|--------|------------|---|
| Vermont | Motor-Assisted Bicycle | Y | N | N | 16 | 1000 W | 20 | N | N | N | Y | N | Vt. Stat. Ann. 23 § 4 (45(B)(i)); 23 § 1136 |
| Virginia | Electric Power Assisted Bicycle | Y | N | N | 14 | 1000 W | 25 | Y | N | N | Y | Y | Va. Code § 46.2-100; § 46.2-903; § 46.2-908.1; § 46.2-906.1 |
| Washington | Electric Assisted Bicycle | Y | N | N | 16 | 1000 W | 20 | Y | N | N | Y | N | Wash. Rev. Code § 46 4-169; § 46 61-710; § 46 4-320; § 46 37-530; § 46 16A-080; § 46 20-500 |
| West Virginia | Moped | N | Y | Y | 15 | 1491 W† | 30 | Y | N | Y | | N | W. Va. Code § 17C-1-5a; § 17C-15-44 |
| Wisconsin | Motor Bicycle | N | Y | N | -- | 750 W | 20 | Y | Y | N | Y* | Y* | Wis. Stat. § 340.01 (30); § 346.02 (4); § 346.79 (5); § 343.05(3)(c) |
| Wyoming | Moped | N | Y | N | 15 | 1491 W† | 30 | Y | N | N‡ | N | N | Wyo. Stat. § 31-5-102(xxi); § 10.32.160; § 31-5-115 (o); § 31-1-101 |
| Alberta | Power Bicycle | Y | N | N | 12 | 500 W | 20 | Y | Y | Y | | | Alta Reg 304/2002; Alta Reg 122/2009; RSA 2000, c T-6; Alta Reg 320/2002 |
| British Columbia | Motor Assisted Cycle | Y | N | N | 16 | 500 W | 20 | Y | Y | Y | Y | N* | BC Reg 151/2002; RSBC 1996, c 318, Part 1 & Part 3 |
| Manitoba | Power-Assisted Bicycle | Y | N | N | 14 | 500 W | 20 | Y | Y | Y | | N | CCSM c H60 |
| New Brunswick | Bicycle | Y | N | N | -- | | | | | Y | | Y | RSNB 1973, c M-17 |
| Newfoundland | Bicycle | Y | N | N | -- | | | | | N | | N | RSNL 1990, c H-3 |
| Northwest Territories | Bicycle | Y | N | N | -- | | | | | N | | N | RSNWT 1988, c M-16 |
| Nova Scotia | Bicycle | Y | N | N | -- | 500 W | 19 | Y | Y | Y | Y | N | RSNS 1989, c 293 |
| Nunavut | Bicycle | Y | N | N | -- | | | | | N | | N | RSNWT (Nu) 1988, c M-16 |
| Ontario | Power-Assisted Bicycle | Y | N | N | 16 | 500 W | 20 | Y | Y | Y | Y* | Y* | RSO 1990, c H.8; O Reg 369/09 |
| Prince Edward Island | Motor Assisted Pedal Bicycle | N | Y | Y | 16 | 50 cc | 31 | N | N | Y | Y | N | RSPEI 1988, c H-5; PEI Reg EC642/75 |
| Quebec | Power-Assisted Bicycle | Y | N | N | 18 | 500 W | 20 | Y | Y | Y | Y* | N | CQLR c C-24.2; CQLR c V-1.2, r 4.1; CQLR c P-9, r 25 |
| | Electric Assist Bicycle; | | | | | | | | | | | | |
| Saskatchewan | Power Cycle | Y | N | N | -- | 500 W | 20 | Y | Y | Y | Y* | Y* | SS 2004, c T-18.1; Motorcycle handbook |
| Yukon | Electric Power-Assisted Bicycle | Y | N | N | -- | 500 W | 20 | Y | Y | N | | N* | RSY 2002, c 153 |

Area: Which state or province in the United States or Canada?
Identity: Under which definition in vehicle code does an electric bicycle fall?
Bicycle: Is it essentially classified and treated as a bicycle?
License: Is a driver's license required to operate an e-bike?
Registration: Is the e-bike required to be registered with the state/province?
Age: What is the minimum age of operation of an e-bike?
Power: What is the maximum power output permitted?
Speed: What is the maximum speed of operation permitted?
Pedals: Are fully functional pedals required for operation?
Federal: Is the state/provincial definition in line with the federal definition?
Helmet: Is a helmet required for operating an e-bike?
Paths: Are e-bikes permitted on shared-use paths and trails?
Sidewalks: Are e-bikes permitted on sidewalks?
Law reference: What is source of this information?

| | |
|----|------------------------------------|
| -- | = Limit not specified under law |
| | = Information unclear/inconsistent |

"Bicycle" = allowed on bicycle paths and no license/registration required

† Horsepower expressed in watts equivalent; 1 hp = 745 watts
 Different than maximum speed capability, though most areas see this as the same

‡ Age requirement; those under a certain age are required to wear a helmet
 * Restrictions apply (engine cannot be engaged, local ordinances prohibit use, etc.)
 * Restrictions apply (engine cannot be engaged, local ordinances prohibit use, etc.)
 ** California has establish a 3 Class structure. Class 3 "speed pedal-assisted electric bicycle" has additional requirements than Class 1 & 2, such as speed, age restriction, helmet use, and path access. Additional states are implementing this class structure.