



GOVERNMENT RELATIONS BULLETIN

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Summary of State Laws Governing Mopeds September 2009

This chart summarizes the laws governing "limited displacement/speed" motor-driven cycles which are legally classified as mopeds (or motorized bicycles). Reprinted directly from the statute, each vehicle definition clarifies the state's use of the term "moped." All types of limited displacement cycles are not always included in a state's definition of moped. Some states may make other special provisions in law for these cycles, otherwise they are treated the same as motorcycles or larger displacement motor-driven cycles.

Three states – Alabama, Connecticut and Mississippi - do not govern mopeds separately. Mississippi classifies and regulates a moped as a motorcycle. In Alabama and Connecticut, a moped falls under the category of motor-driven cycle. (Although Alaska calls a moped a motor-driven cycle, the definition includes 50 cc or less cycles only.)

Additional information on laws and regulations about all "limited displacement/speed" motor-driven cycles is available from the Motorcycle Industry Council's Government Relations Office.

Although this information was obtained from the most authoritative sources available at the date of publication, the Motorcycle Industry Council is not responsible for its accuracy or completeness.

Summary of State Laws Governing Mopeds

September 2009

STATE	VEHICLE DEFINITION	ENGINE SIZE (CC)/HORSEPOWER	MAXIMUM SPEED (MPH)	TIRE/WHEEL DIMENSION	PEDALS REQUIRED	MINIMUM AGE/OPERATOR'S LICENSE	REGISTRATION	INSURANCE OR FINANCIAL RESPONSIBILITY	INSPECTION	HELMET/EYE PROTECTION	DAYTIME LIGHTS-ON
AL	<i>Moped not defined.</i> Regulated as motor-driven cycle. Requirements specified herein apply to motor-driven cycles.	No more than 150 cc ----- No more than 5 bhp	NONE	NONE	NO	14 ----- Motor-driven cycle or motorcycle license	YES	INS.	NO	YES/ NO	NO
AK	<u>Motor-Driven Cycle:</u> A motorcycle, motor scooter, motorized bicycle, or similar conveyance with a motor attached and having an engine with 50 or less cubic centimeters of displacement.	No more than 50 cc ----- No hp specified	NONE	NONE	NO	14 ----- Any valid, motor-driven cycle or special permit	YES	INS.	NO	YES, under 18/ YES	YES
AZ	<u>Moped:</u> A bicycle that is equipped with a helper motor, if the vehicle has a maximum piston displacement of fifty cubic centimeters or less, a brake horsepower of one and one-half or less and a maximum speed of twenty-five miles per hour or less on a flat surface with less than a one percent grade.	No more than 50 cc ----- No more than 1½ bhp	25	NONE	YES	16 ----- Any valid or restricted motorcycle	YES	NO	NO	NO	NO
AR	<u>Motorized Bicycle:</u> Every bicycle with an automatic transmission and a motor which does not displace in excess of fifty (50) cubic centimeters.	No more than 50 cc ----- No hp specified	NONE	NONE	NO	10 ----- Any valid or motorized bicycle certificate	NO	NO	NO	YES, under 21/ YES	NO
CA	<u>Motorized Bicycle or Moped:</u> (a) Any two-wheeled or three-wheeled device having fully operative pedals for propulsion by human power, or having no pedals if powered solely by electrical energy and an automatic transmission and a motor which produces less than 2 gross brake horsepower and is capable of propelling the device at a maximum speed of not more than 30 miles per hour on level ground. (b) A "motorized bicycle" is also a device that has fully operative pedals for propulsion by human power and has an electric motor that meets all the following requirements: (1) Has a power output of not more than 1,000 watts. (2) Is incapable of propelling the device at a speed of more than 20 miles per hour on ground level. (3) Is incapable of further increasing the speed of the device when human power is used to propel the motorized bicycle faster than 20 miles per hour. *The requirements summarized herein apply only to those vehicles meeting the criteria of definition (a), above. Mopeds as defined in (b) are regulated differently.	No cc specified ----- Less than 2 bhp	30	NONE	YES, unless powered solely by electrical energy	16 ----- Motorized bicycle or motorcycle license or endorsement	YES – one time only	F.R.	NO	YES/ NO	NO

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CO	<u>Low-Power Scooter</u> : A self-propelled vehicle designed primarily for use on the roadways with not more than three wheels in contact with the ground, no manual clutch, and either of the following: (i) a cylinder capacity not exceeding fifty cubic centimeters if powered by internal combustion; or (ii) a wattage not exceeding four thousand four hundred seventy-six if powered by electricity.	No more than 50 cc ----- No hp specified	NONE (may not be driven on roadway over 40 mph)	NONE	NO	16 ----- Any valid	YES	YES	NO	YES, under 18/ YES	NO
CT	<i>Moped not defined.</i> Regulated as motor-driven cycle. Requirements specified herein apply to motor-driven cycles.	No cc specified ----- No more than 5 bhp	NONE	NONE	NO	16 ----- Any valid	NO	NO	NO	YES, under 18/ NO	NO
DE	<u>Moped</u> : A pedal or non-pedal bicycle having two (2) tandem wheels either of which is 10 inches or more in maximum diameter, and having a motor characterized in that the maximum piston displacement is less than 55 cc, rated at no more than 2.7 brake horsepower and that the maximum speed does not exceed 25 miles per hour.	Less than 55 cc ----- No more than 2.7 bhp	25	Either wheel 10" or more in maximum diameter	NO	16 ----- Any valid or instruction permit	YES	NO	NO	NO	NO
DC	<u>Motorized Bicycle</u> : Any motor vehicle having either a tandem arrangement of two wheels equipped with tires which are sixteen inches (16") or more in diameter or a tricyclic arrangement of three wheels equipped with tires which are sixteen inches (16") or more in diameter, having a seat or saddle for the use of the operator, having an automatic transmission, and having a motor or engine which produces not more than one and one-half (1.5) brake horsepower (S.A.E. rating), has a piston displacement of not more than fifty cubic centimeters (50 cc), and is capable of moving the vehicle at a maximum speed of not more than thirty-five miles per hour (35 mph) on level ground when propelled exclusively by such motor or engine.	No more than 50 cc ----- No more than 1.5 bhp	35	Tires 16" or more in diameter	NO	16 ----- Motorized bicycle or endorsement	YES	INS.	YES	NO	NO
FL	<u>Moped</u> : Any vehicle with pedals to permit propulsion by human power, having a seat or saddle for the use of the rider and designed to travel on not more than three wheels, with a motor rated not in excess of 2 brake horsepower and not capable of propelling the vehicle at a speed greater than 30 miles per hour on level ground, and with a power-drive system that functions directly or automatically without clutching or shifting gears by the operator after the drive system is engaged. If an internal combustion engine is used, the displacement may not exceed 50 cubic centimeters.	No more than 50 cc ----- No more than 2 bhp	30	NONE	YES	15 ----- Any valid	YES	NO	NO	YES under 16/ NO	NO

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GA	<u>Moped</u> : A motor driven cycle equipped with two or three wheels, with or without foot pedals to permit muscular propulsion, and an independent power source providing a maximum of two brake horsepower. If a combustion engine is used, the maximum piston or rotor displacement shall be 3.05 cubic inches (50 cubic centimeters) regardless of the number of chambers in such power source. The power source shall be capable of propelling the vehicle, unassisted, at a speed not to exceed 30 miles per hour (48.28 kilometers per hour) on level road surface and shall be equipped with a power drive system that functions directly or automatically only, not requiring clutching or shifting by the operator after the drive system is engaged.	No more than 50 cc ----- No more than 2 bhp	30	NONE	NO	15 ----- Any valid, instruction or limited permit	NO	NO	NO	YES/NO	NO
HI	<u>Moped</u> : A device upon which a person may ride which has two or three wheels in contact with the ground, a motor having a maximum power output capability measured at the motor output shaft, in accordance with the Society of Automotive Engineers standards, of two horsepower (one thousand four hundred ninety-two watts) or less and, if it is a combustion engine, a maximum piston or rotor displacement of 3.05 cubic inches (fifty cubic centimeters) and which will propel the moped, unassisted, on a level surface at a maximum speed no greater than thirty miles per hour; and a direct or automatic power drive system which requires no clutch or gear shift operation by the moped driver after the drive system is engaged with the power unit.	No more than 50 cc ----- No more than 2 hp	30	NONE	NO	15 ----- Any valid or moped	YES – one time only	NO	YES	YES, under 18/NO	NO
ID	<u>Moped</u> : A limited-speed motor-driven cycle having: (a) Both motorized & pedal propulsion that is not capable of propelling the vehicle at a speed in excess of thirty (30) miles per hour on level ground, whether two (2) or three (3) wheels are in contact with the ground during operation. If an internal combustion engine is used, the displacement shall not exceed fifty (50) cubic centimeters and the moped shall have a power drive system that functions directly or automatically without clutching or shifting by the operator after the drive system is engaged; or (b) Two (2) wheels or three (3) wheels with no pedals, which is powered solely by electrical energy, has an automatic transmission, a motor which produces less than two (2) gross brake horsepower, is capable of propelling the device at a maximum speed of not more than thirty (30) miles per hour on level ground and as originally manufactured, meets federal motor vehicle safety standards for motor-driven cycles.	No more than 50 cc ----- No hp specified (less than 2 bhp if powered solely by electrical energy)	30	NONE	YES, unless powered solely by electrical energy	15 ----- Any valid	YES	INS.	NO	NO	NO

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IL	<u>Motorized Pedalcycle</u> : A motor-driven cycle whose speed attainable in one mile is 30 miles per hour or less, which is equipped with a motor that produces 2 brake horsepower or less. If an internal combustion engine is used, the displacement shall not exceed 50 cubic centimeter displacement and the power drive system shall not require the operator to shift gears.	No more than 50 cc ----- No more than 2 bhp	30	NONE	NO	16 ----- Any valid	YES	INS.	NO	NO/ YES	YES
IN	<u>Motorized Bicycle</u> : A two (2) or three (3) wheeled vehicle that is propelled by an internal combustion engine or a battery powered motor, and if powered by an internal combustion engine, has the following: (1) An engine rating of not more than two (2) horsepower and a cylinder capacity not exceeding fifty (50) cubic centimeters. (2) An automatic transmission. (3) A maximum design speed of not more than twenty-five (25) miles per hour on a flat surface. The term does not include an electric personal assistive mobility device.	No more than 50 cc ----- No more than 2 hp	25	NONE	NO	15 ----- Any valid or permit or I.D. card	NO	F.R.	NO	YES, under 18	NO
IA	<u>Motorized Bicycle</u> : A motor vehicle having a saddle or a seat for the use of a rider, designed to travel on not more than three wheels in contact with the ground, and not capable of operating at a speed in excess of thirty miles per hour on level ground unassisted by human power.	NONE	30	NONE	NO	14 ----- Any valid or motorized bicycle	YES	F.R.	NO	NO	YES
KS	<u>Motorized Bicycle</u> : Every device having two tandem wheels or three wheels which may be propelled by either human power or helper motor, or by both, and which has: (a) A motor which produces not more than 3.5 brake horsepower; (b) a cylinder capacity of not more than 130 cubic centimeters; (c) an automatic transmission; and (d) the capability of a maximum design speed of no more than 30 miles per hour except a low power cycle.	No more than 130 cc ----- No more than 3.5 bhp	30	NONE	NO	14 ----- Any valid or motorized bicycle	YES	NO	NO	YES, under 18/ NO	YES
KY	<u>Moped</u> : Either a motorized bicycle whose frame design may include one (1) or more horizontal crossbars supporting a fuel tank so long as it also has pedals, or a motorized bicycle with a step through type frame which may or may not have pedals rated no more than two (2) brake horsepower, a cylinder capacity not exceeding fifty (50) cubic centimeters, an automatic transmission not requiring clutching or shifting by the operator after the drive system is engaged, and capable of a maximum speed of not more than thirty (30) miles per hour. * Pedals required only for high tank design.	No more than 50 cc ----- No more than 2 bhp	30	NONE	*	16 ----- Any valid or moped	NO	NO	NO	NO	NO
LA	<u>Motorized Bicycle</u> : A pedal bicycle which may be propelled by human power or helper motor, or by both, with a motor rated no more than one and one-half brake horsepower, a cylinder capacity not exceeding fifty cubic centimeters, an automatic transmission, and which produces a maximum design speed of no more than twenty-five miles per hour on a flat surface.	No more than 50 cc ----- No more than 1½ bhp	25	NONE	YES	16 ----- NONE	NO	NO	NO	YES/ NO	NO

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ME	<u>Moped</u> : A motorized device designed to travel with only 2 or 3 10-inch or larger diameter wheels in contact with the ground and that: A. May have fully operative pedals for propulsion by human power; B. Has an electric or a liquid fuel motor with a cylinder capacity displacement not exceeding 50 cubic centimeters or an electric motor with a capacity under 1,500 watts; and C. Is equipped with a power drive system that functions only directly or automatically and does not require clutching or shifting by the operator after the drive system is engaged. "Moped" does not include an electric personal assistive mobility device.	No more than 50 cc ----- No hp specified	30	Wheels 10" or more in diameter	NO	16 ----- Any valid or moped	YES	INS.	NO	NO	YES
MD	<u>Moped</u> : A bicycle that: (1) Is designed to be operated by human power with the assistance of a motor; (2) Is equipped with pedal that mechanically drive the rear wheel or wheels; (3) Has two or three wheels, of which one is more than 14 inches in diameter; and (4) Has a motor with a rating of 1.5 brake horsepower or less and, if the motor is an internal combustion engine, a capacity of 50 cubic centimeters piston displacement or less.	No more than 50 cc ----- No more than 1.5 bhp	NONE	One wheel more than 14" in diameter	YES	16 ----- Any valid or moped	NO	NO	NO	NO	NO
	<u>Motor Scooter</u> : (A) A nonpedal vehicle that: (1) has a seat for the operator; (2) has two wheels, of which one is 10 inches or more in diameter; (3) has a step-through chassis; (4) has a motor: (i) with a rating of 2.7 brake horsepower or less; or (ii) if the motor is an internal combustion engine, with a capacity of 50 cubic centimeters piston displacement or less; and (5) is equipped with an automatic transmission. (B) "Motor scooter" does not include a vehicle that has been manufactured for off-road use, including a motorcycle and an all-terrain vehicle.	No more than 50 cc ----- No more than 2.7 bhp	30 mph (operational)	One wheel 10" or more in diameter	NO	16 ----- Any valid or moped	NO	NO	NO	NO	NO
MA	<u>Motorized Bicycle</u> : A pedal bicycle which has a helper motor, or a non-pedal bicycle which has a motor, with a cylinder capacity not exceeding fifty cubic centimeters, an automatic transmission, and which is capable of a maximum speed of no more than thirty miles per hour.	No more than 50 cc ----- No hp specified	30	NONE	NO	16 ----- Any valid or learner's permit	YES	NO	NO	YES/NO	NO
MI	<u>Moped</u> : A 2- or 3-wheeled vehicle which is equipped with a motor that does not exceed 50 cubic centimeters piston displacement, produces 2.0 brake horsepower or less, and cannot propel the vehicle at a speed greater than 30 miles per hour on a level surface. The power drive system shall not require the operator to shift gears.	No more than 50 cc ----- No more than 2 bhp	30	NONE	NO	15 ----- Any valid or special restricted (moped)	YES	NO	NO	YES, under 19/NO	NO

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MN	<u>Motorized Bicycle</u> : A bicycle that is propelled by an electric or a liquid fuel motor of a piston displacement capacity of 50 cubic centimeters or less, and a maximum of two brake horsepower, which is capable of a maximum speed of not more than 30 miles per hour on a flat surface with not more than one percent grade in any direction when the motor is engaged. "Motorized bicycle" includes an electric-assisted bicycle [as defined in MN statute].	No more than 50 cc ----- No more than 2 bhp	30	NONE	NO	15 ----- Driver's, motorized bicycle operator's or instruction permit	YES	INS.	NO	YES, under 18/ YES	YES
MS	<u>Moped not defined</u> . Regulated as motorcycle. Requirements specified herein apply to motorcycles.	NONE	NONE	NONE	NO	15 ----- Motorcycle or endorsement	YES	INS.	YES	YES/ NO	NO
MO	<u>Motorized Bicycle</u> : Any two-wheeled or three-wheeled device having an automatic transmission and a motor with a cylinder capacity of not more than fifty cubic centimeters, which produces less than three gross brake horsepower, and is capable of propelling the device at a maximum speed of not more than thirty miles per hour on level ground. * No person shall operate a motorized bicycle on any street or highway unless it is equipped in accordance with the minimum requirements for construction and equipment of mopeds, regulation VESC-17, approved July, 1977.	No more than 50 cc ----- Less than 3 bhp	30	* Tire width 1.75" or more; diameter 19" or more	NO	16 ----- Any valid	NO	NO	NO	NO	NO
MT	<u>Bicycle</u> : A vehicle equipped with two or three wheels, foot pedals to permit muscular propulsion and an independent power source providing a maximum of 2 brake horsepower. If a combustion engine is used, the maximum piston or rotor displacement may not exceed 3.05 cubic inches (50 centimeters) regardless of the number of chambers in the power source. The power source must not be capable of propelling the device, unassisted, at a speed exceeding 30 miles an hour (48.28 kilometers an hour) on a level surface. The device must be equipped with a power drive system that functions directly or automatically only and does not require clutching or shifting by the operator after the drive system is engaged.	No more than 50 cc ----- No more than 2 bhp	30	NONE	YES	NONE ----- NONE	NO	NO	NO	NO	NO
NE	<u>Moped</u> : A bicycle with fully operative pedals for propulsion by human power, an automatic transmission, and a motor with a cylinder capacity not exceeding fifty cubic centimeters which produces no more than two brake horsepower and is capable of propelling the bicycle at a maximum design speed of no more than thirty miles per hour on level ground.	No more than 50 cc ----- No more than 2 bhp	30	NONE	YES	14 ----- Operator's license	NO	NO	NO	YES/ NO	NO

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NV	<u>Moped</u> : A motor-driven scooter, motor-driven cycle or similar vehicle that is propelled by a small engine which produces not more than 2 gross brake horsepower, has a displacement of not more than 50 cubic centimeters or produces not more than 1500 watts final output, and: 1. Is designed to travel on not more than three wheels in contact with the ground but is not a tractor; and 2. Is capable of a maximum speed of not more than 30 miles per hour on a flat surface with not more than 1 percent grade in any direction when the motor is engaged. The term does not include an electric bicycle.	No more than 50 cc ----- No more than 2 bhp	30	NONE	NO	16 ----- Any valid or moped	NO	F.R.	NO	NO	NO
NH	<u>Moped</u> : A motor-driven cycle whose speed attainable in one mile is 30 miles per hour or less which is equipped with a motor that produces 2 brake horse power or less; if an internal combustion engine is used, the piston displacement shall not exceed 50 cubic centimeters and the power-drive system shall not require the operator to shift gears.	No more than 50 cc ----- No more than 2 bhp	30	NONE	NO	16 ----- Any valid or moped	YES	NO	NO	NO	NO
NJ	<u>Motorized Bicycle</u> : A pedal bicycle having a helper motor characterized in that either the maximum piston displacement is less than 50 cc. or said motor is rated at no more than 1.5 brake horsepower and said bicycle is capable of a maximum speed of no more than 25 miles per hour on a flat surface.	Less than 50 cc or no more than 1.5 bhp	25	NONE	YES	15 ----- Any valid or motorized bicycle	YES	INS.	NO	YES/NO	NO
NM	<u>Moped</u> : A two-wheeled or three-wheeled vehicle with an automatic transmission and a motor having a piston displacement of less than fifty cubic centimeters, that is capable of propelling the vehicle at a maximum speed of not more than thirty miles an hour on level ground, at sea level.	Less than 50 cc ----- No hp specified	30	NONE	NO	13 ----- Any valid, restricted, or moped permit	NO	NO	NO	NO	NO
NY	<u>Limited Use Motorcycle</u> : A limited use vehicle having only two or three wheels, with a seat or saddle for the operator. A limited use motorcycle having a maximum performance speed of more than thirty miles per hour but not more than forty miles per hour shall be a class A limited use motorcycle. A limited use motorcycle having a maximum performance speed of more than twenty miles per hour but not more than thirty miles per hour, shall be a class B limited use motorcycle. A limited use motorcycle having a maximum performance speed of not more than twenty miles per hour shall be a class C, limited use motorcycle.	No cc specified ----- No hp specified (A,B,C)	A: 40 B: 30 C: 20	NONE	A: NO B: NO C: NO	A: 16 B: 16 C: 16 ----- A: Motorcycle or Motorcycle learner's permit B & C: Any valid or learner's permit	A: YES B: YES C: YES	A: INS. B: INS. C: F.R.	A: YES B: NO C: NO	A: YES (both) B: YES (both) C: NO (neither)	A: YES B: YES C: YES
NC	<u>Moped</u> : A vehicle that has two or three wheels, no external shifting device, and a motor that does not exceed 50 cubic centimeters piston displacement and cannot propel the vehicle at a speed greater than 30 miles per hour on a level surface.	No more than 50 cc ----- No hp specified	30	NONE	NO	16 ----- NONE	NO	NO	NO	YES/NO	NO

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ND	<u>Motorized Bicycle</u> : A vehicle equipped with two or three wheels, foot pedals to permit muscular propulsion or footrests for use by the operator, a power source providing up to a maximum of two brake horsepower having a maximum piston or rotor displacement of 3.05 cubic inches [49.98 milliliters] if a combustion engine is used, which will propel the vehicle, unassisted, at a speed not to exceed thirty miles [48.28 kilometers] per hour on a level road surface, and a power drive system that functions directly or automatically only, not requiring clutching or shifting by the operator after the drive system is engaged, and the vehicle may not have a width greater than thirty-two inches [81.28 centimeters].	Less than 50 cc ----- No more than 2 bhp	30	NONE	YES	14 ----- Any valid, instruction permit or motorized bicycle	YES	NO	NO	YES, under 18/ NO	NO
OH	<u>Motorized Bicycle</u> : Any vehicle having either two tandem wheels or one wheel in the front and two wheels in the rear, that is capable of being pedaled and is equipped with a helper motor of not more than fifty cubic centimeters piston displacement which produces no more than one brake horsepower and is capable of propelling the vehicle at a speed of no greater than twenty miles per hour on a level surface. *State regulation stipulates that moped tires shall have an inflated width of at least 1.75 inches, and mounted tire shall have an overall inflated diameter of 19 inches or more.	No more than 50 cc ----- No more than 1 bhp	20	*	YES	14 ----- Any valid or motorized bicycle	YES	NO	NO	YES, under 18/ NO	NO
OK	<u>Motorized Bicycle</u> : Any bicycle having: 1. Fully operative pedals for propulsion by human power; 2. An automatic transmission; and 3. A combustion engine with a piston or rotor displacement of one hundred fifty cubic centimeters (150 cu cm) or less, regardless of the number of chambers in the engine, which is capable of propelling the bicycle at a maximum design speed of not more than thirty (30) miles per hour on level ground. <u>Moped</u> : Any motor-driven cycle with a motor which produces not to exceed two brake horsepower and which is not capable of propelling the vehicle at a speed in excess of thirty (30) miles per hour on level ground. If an internal combustion engine is used, the displacement shall not exceed fifty (50) cubic centimeters, and the moped shall have a power drive system that functions directly or automatically without clutching or shifting by the operator after the drive system is engaged.	No more than 150 cc ----- No more than 2 bhp No more than 50 cc ----- No hp specified	30 30	NONE NONE	YES NO	14 (for restricted motorcycle; specified hours only) ----- Motorcycle or restricted motorcycle 14 (for restricted motorcycle; specified hours only) ----- Motorcycle or restricted motorcycle	YES YES	INS. INS.	NO NO	YES, under 18/ YES YES, under 18/ YES	YES YES

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OR	<u>Moped</u> : A vehicle, including any bicycle equipped with a power source, other than an electric assisted bicycle [as defined in OR statute] or a motor assisted scooter [as defined in OR statute], that complies with all of the following: (1) It is designed to be operated on the ground upon wheels. (2) It has a seat or saddle for use of the rider. (3) It is designed to travel with not more than three wheels in contact with the ground. (4) It is equipped with an independent power source that: (a) Is capable of propelling the vehicle, unassisted, at a speed of not more than 30 miles per hour on a level road surface; and (b) If the power source is a combustion engine, has a piston or rotor displacement of 35.01 to 50 cubic centimeters regardless of the number of chambers in the power source. (5) It is equipped with a power drive system that functions directly or automatically only and does not require clutching or shifting by the operator after the system is engaged.	35.01- 50 cc ----- No hp specified	30	NONE	NO	16 ----- Any valid or moped	YES	INS.	NO	YES/NO	YES
PA	<u>Motorized Pedalcycle</u> : A motor-driven cycle equipped with operable pedals, a motor rated no more than 1.5 brake horsepower, a cylinder capacity not exceeding 50 cubic centimeters, an automatic transmission, and a maximum design speed of no more than 25 miles per hour or an electric motor-driven cycle equipped with operable pedals and an automatic transmission powered by an electric battery or battery-pack-powered electric motor with a maximum design speed of no more than 25 miles per hour.	No more than 50 cc ----- No more than 1.5 bhp	25	NONE	YES	16 ----- Any valid	YES	F.R.	NO	NO	YES
RI	<u>Motorized Bicycle</u> : Two (2) wheel vehicles which may be propelled by human power or helper power, or by both, with a motor rated not more than four and nine-tenths (4.9) horsepower and not greater than fifty (50) cubic centimeters, which are capable of a maximum speed of not more than thirty (30) miles per hour.	No more than 50 cc ----- No more than 4.9 hp	30	NONE	NO	16 ----- Any valid	YES	F.R.	NO	NO	NO
SC	<u>Moped</u> : Every cycle with pedals to permit propulsion by human power or without pedals and with a motor of not more than fifty cubic centimeters which produces not to exceed two brake horsepower and which is not capable of propelling the vehicle at a speed in excess of thirty miles an hour on level ground is a moped. If an internal combustion engine is used, the moped must have a power drive system that functions directly or automatically without clutching or shifting by the operator after the drive system is engaged.	No more than 50 cc ----- No more than 2 bhp	30	NONE	NO	14 ----- Any valid or moped	NO	NO	NO	YES, under 21	YES

STATE	VEHICLE DEFINITION	ENGINE SIZE (CC)/HORSEPOWER	MAXIMUM SPEED (MPH)	TIRE/WHEEL DIMENSION	PEDALS REQUIRED	MINIMUM AGE/ OPERATOR'S LICENSE	REGISTRATION	INSURANCE OR FINANCIAL RESPONSIBILITY	INSPECTION	HELMET/EYE PROTECTION	DAYTIME LIGHTS-ON
SD	<u>Moped</u> : A motor driven cycle equipped with two or three wheels. If a combustion engine is used, the maximum piston or rotor displacement shall be fifty cubic centimeters regardless of the number of chambers in such power source. The power source shall be equipped with a power drive system that functions directly or automatically only, not requiring clutching or shifting by the operator after the drive system is engaged.	No more than 50 cc ---- No hp specified	NONE	NONE	NO	14 ---- Any valid, restricted or instruction permit	Voluntary	NO	NO	YES, under 18/ YES	NO
TN	<u>Motorized Bicycle</u> : A vehicle with two (2) or three (3) wheels, an automatic transmission, and a motor with a cylinder capacity not exceeding fifty (50) cubic centimeters which produces no more than two (2) brake horsepower and is capable of propelling the vehicle at a maximum design speed of no more than thirty (30) miles per hour on level ground. The operator of a motorized bicycle must be in possession of a valid operator's or chauffeur's license, and shall be subject to all applicable and practical rules of the road. A motorized bicycle may not be operated on a highway of the interstate and defense highway system, any similar limited access multilane divided highway, or upon sidewalks.	No more than 50 cc ---- No more than 2 bhp	30	NONE	NO	15 ---- Valid operator's or chauffeur's license	Voluntary	NO	NO	YES/ NO	NO
TX	<u>Moped</u> : A motor-driven cycle that cannot attain a speed in one mile of more than 30 miles per hour and the engine of which: (A) cannot produce more than two-brake horsepower; and (B) if an internal combustion engine, has a piston displacement of 50 cubic centimeters or less and connects to a power drive system that does not require the operator to shift gears.	No more than 50 cc ---- No more than 2 bhp	30	NONE	NO	15 ---- Motorcycle or moped	YES	INS.	YES	YES, under 21; 21 & over without rider ed. or insur./ NO	YES
UT	<u>Moped</u> : (a) A motor-driven cycle having (i) pedals to permit propulsion by human power; and (ii) a motor which: (A) produces not more than two brake horsepower; and (B) is not capable of propelling the cycle at a speed in excess of 30 miles per hour on level ground. (b) If an internal combustion engine is used, the displacement may not exceed 50 cubic centimeters and the moped shall have a power drive system that functions directly or automatically without clutching or shifting by the operator after the drive system is engaged. (c) "Moped" includes an electric assisted bicycle and a motor assisted scooter.	No more than 50 cc ---- No more than 2 bhp	30	NONE	YES	16 ---- Any valid	YES	INS.	YES	YES, under 18/ NO	NO

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VT	<u>Mo-ped</u> : A motor-driven cycle equipped with two or three wheels, foot pedals to permit muscular propulsion, a power source providing up to a maximum of two brake horsepower and having a maximum piston or rotor displacement of 50 cubic centimeters if a combustion engine is used, which will propel the vehicle, unassisted, at a speed not to exceed 30 miles per hour on a level road surface and is equipped with a power drive system that functions directly or automatically only, not requiring clutching or shifting by the operator after the drive system is engaged. As motor vehicles, mo-peds shall be subject to the purchase and use tax imposed under chapter 219 of Title 32 rather than to a general sales tax. An electric personal assistive mobility device is not a mo-ped. *State regulation requires moped tires to measure at least 1.75" x 19" when inflated.	No more than 50 cc ----- No more than 2 bhp	30	*	YES	16 ----- Any valid	YES	INS.	YES	NO	NO
VA	<u>Moped</u> : Every vehicle that travels on not more than three wheels in contact with the ground that has (i) a seat that is no less than 24 inches in height, measured from the middle of the seat perpendicular to the ground and (ii) a gasoline, electric, or hybrid motor that displaces less than 50 cubic centimeters.	Less than 50 cc ---- No hp specified	NONE (if operated on public roads over 35 mph, subject to motor-cycle laws)	NONE	NO	16 ----- NONE	NO, local govt. may re-quire	NO	NO	NO, local govt. may re-quire	NO
WA	<u>Moped</u> : A motorized device designed to travel with not more than three wheels in contact with the ground and having an electric or liquid fuel motor with a cylinder displacement not exceeding fifty cubic centimeters which produces no more than two gross brake horsepower (developed by a prime mover, as measured by a brake applied to the driving shaft) that is capable of propelling the device at not more than thirty miles per hour on level ground.	No more than 50 cc ----- No more than 2 bhp	30	NONE	NO	16 ----- Any valid	YES	F.R.	NO	YES	NO
WV	<u>Moped</u> : Every motorcycle or motor-driven cycle unless otherwise specified in this chapter, which is equipped with two or three wheels, foot pedals to permit muscular propulsion and an independent power source providing a maximum of two brake horsepower. If a combustion engine is used, the maximum piston or rotor displacement shall be fifty cubic centimeters regardless of the number of chambers in such power source. The power source shall be capable of propelling the vehicle, unassisted, at a speed not to exceed thirty miles per hour on a level road surface and shall be equipped with a power drive system that functions directly or automatically only, not requiring clutching or shifting by the operator after the drive system is engaged. (1978, c.65.)	No more than 50 cc ----- No more than 2 bhp	30	NONE	YES	16 ----- Any valid	YES	INS.	YES	NO	YES

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WI	<u>Moped</u> : Any of the following motor vehicles capable of speeds of not more than 30 miles per hour with a 150-pound rider on a dry, level, hard surface with no wind, excluding a tractor, a power source as an integral part of the vehicle and a seat for the operator: (a) A bicycle-type vehicle with fully operative pedals for propulsion by human power and an engine certified by the manufacturer at not more than 50 cubic centimeters or an equivalent power unit. (b) A Type 1 motorcycle with an automatic transmission and an engine certified by the manufacturer at not more than 50 cubic centimeters or an equivalent power unit.	No more than 50 cc ----- No hp specified	30	NONE	NO	16 ----- Any valid or moped	YES	F.R.	NO	NO	NO
WY	<u>Moped</u> : A motor-driven cycle both with foot pedals to permit muscular propulsion by human power and with a motor which produces no more than two (2) brake horsepower and which is capable of propelling the vehicle at a maximum speed of no more than thirty (30) miles per hour on a level road surface. If an internal combustion engine is used, the displacement shall not exceed more than fifty (50) cubic centimeters and the moped shall have a power drive system that functions directly or automatically without clutching or shifting by the driver after the drive system is engaged.	No more than 50 cc ---- No more than 2 bhp	30	NONE	YES	16 ----- Any valid	NO	INS.	NO	NO	YES