

## E-Bikes in Western Australia

### Definition of a Legal E-Bike

An e-bike is considered a **power-assisted pedal cycle** if it meets these requirements:

- **Pedals:** Must be present and used for propulsion.
- **Motor Assistance:** Motor only assists while pedalling; throttle-only operation is not allowed.
- **Power Output:**
  - Up to **250 watts** for pedelecs (EN 15194 compliant).
  - Up to **200 watts** for other e-bikes.
- **Speed Cut-Off:** Motor assistance must stop at **25 km/h**.
- **Age Requirement:** Riders must be **16 years or older** to use the motor.



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### Where Can E-Bikes Be Ridden?

Legal e-bikes can be ridden:

- **On roads** (following bicycle road rules).
- **On bicycle paths and shared paths.**
- **On footpaths**, provided:
  - You give way to pedestrians.
  - Ride in single file.
  - Wear an approved helmet.



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### **Non-Compliant E-Bikes**

The following are **NOT allowed** on WA roads or paths:

- Bikes with motors over the wattage limit.
- Bikes that can be ridden using throttle alone.
- Bikes with petrol engines.

**Penalties:** Non-compliant e-bikes are treated as unlicensed motor vehicles. Police may seize and dispose of them, and riders can be fined up to **\$500**.

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### **Key Safety Rules**

- Always wear an approved helmet.
- Give way to pedestrians on footpaths.
- Ride at a safe speed.
- Use a bell to warn pedestrians when approaching.

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### **Checklist for Compliance**

- ✓ Pedals installed and functional. ✓ Motor assists only when pedalling.
- ✓ Motor power  $\leq 250$  W (pedelec) or  $\leq 200$  W (other).
- ✓ Assistance cuts out at 25 km/h. ✓ Rider is 16+ years old. ✓ Helmet worn.

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### **Relevant Legislation:**

- Road Traffic Code 2000
- Road Traffic Administration Act 2008
- Road Traffic (Administration) Regulations 2014

E-RIDEABLE – AGE 16+	NOT E-RIDEABLE – AGE VARIES
	 <p data-bbox="1060 662 1228 682"><b>EPTs (SEGWAYS)</b></p>  <p data-bbox="1291 662 1459 682"><b>ELECTRIC BIKES</b></p>
<p data-bbox="577 803 1033 857">Regulation 3A of the Road Traffic Code 2000 defines an ERD as a scooter, skateboard or other vehicle that:</p> <ul data-bbox="577 860 1033 1088" style="list-style-type: none"> <li>• Has at least 1 wheel</li> <li>• Is designed to be used by a single person</li> <li>• Has an electric motor or motors</li> <li>• Is fitted with an effective stopping system controlled by the use of brakes, gears or motor control</li> <li>• When propelled only by the motor(s), is not capable of going faster than 25 km/h <u>on level ground</u></li> <li>• Is equal to or less than all four measurements (height, length, width, weight) as described below</li> </ul>	 <p data-bbox="1071 836 1239 868"><b>MOTORISED WHEELCHAIRS</b></p>  <p data-bbox="1312 836 1438 885"><b>MOTORISED SCOOTERS ≤200W</b></p> <ul data-bbox="1050 901 1470 1023" style="list-style-type: none"> <li>• Motorised Scooters (=&lt; 200w/10 km/h)</li> <li>• Motorised wheelchairs</li> <li>• Electric personal transporters (SEGWAYS)</li> <li>• Vehicle with pedals</li> <li>• Wheeled toys</li> </ul> <p data-bbox="1050 1039 1470 1079">Regulation for these devices is contained in the Road Traffic Code 2000</p>