



Electric Bike Defined

An electric bike (eBike) is a traditional bicycle with an electric pedal assist function. According to U.S. law, an electric bicycle cannot have any self-propelled functions that would require its rider to have a special license to use it.

eBike Components

eBikes offer the gear ratio and style variety of traditional bicycle with added pedal assist.

From single to 24-speed, cruiser to road, most eBikes include:

- Power control on the handle bars with low, medium and high settings that operates the bicycle's power assist function
- Motor in the front hub
- Motor engage/disengage clutch function that makes the pedaling and power assist smoothly operate together
- Battery on-off switch with a key to control the battery's power usage
- Average battery charge time of four hours
- Battery that sustains 600 – 1,000 charges in its cycle life, or two to three years

Schwinn eBikes

Schwinn became a revolutionary force in the cycling world in the late 19th century and has continued to fill that role in the world of electric cycling. Schwinn offers seven eBikes with a variety of frame styles, drivetrains, and battery ranges. Schwinn eBikes have an easily removable Plug N' Drive battery pack that transforms the traditional favorite into a convenient, clean-cut electric hybrid. A stylish rear rack holds and hides the slim battery pack, without inhibiting your ability to carry your briefcase or groceries. The bicycles' internal electric cable routing keep the frames uncluttered and visually appealing.

The Tailwind

Schwinn's newest eBike, Tailwind, showcases the next generation of the electric bicycle, with a recharge time that is 1/8th of the time of competing electric bicycles. The Toshiba Super Charge ion Battery (SCiB) technology that powers it can deliver a full charge in less than 30 minutes when plugged into a standard residential charger, and less than 10 minutes with a commercial charger. The SCiB's cycle life will provide more than 2,000 charges without any loss in capacity. Each charge will carry the rider for about 30 miles, depending on the terrain and rider weight.

The Tailwind's lightweight Schwinn-designed 6000 series aluminum alloy frame, SR Suntour suspension fork, Shimano Nexus 8-speed rear hub and Continental tires with a reflective sidewall also set it apart from other eBikes on the market. Its Selle Royal Look In gel saddle with suspension seat post and adjustable rise stem makes this smooth ride even more comfortable.

Please see www.schwinnelectricbikes.com for more information.

Electric
