

# ELECTRIC BICYCLE

**SUSTAINABLE  
PRINCETON.**

## eBIKE BASICS

Get the basic facts to know before buying an electric bike.

### WHY BUY AN eBIKE

eBikes are great for people who travel longer distances, haul cargo or groceries, need a little help on hills, or just don't want to break a sweat. We love eBikes because they are more energy efficient than electric cars, but good old people-powered bikes are a phenomenal option (and still offer the most health and environmental benefits).

### CLASSES of eBIKES

1

Pedal assist  
No throttle  
Up to 20 MPH

2

Pedal assist  
Throttle  
Up to 20 MPH

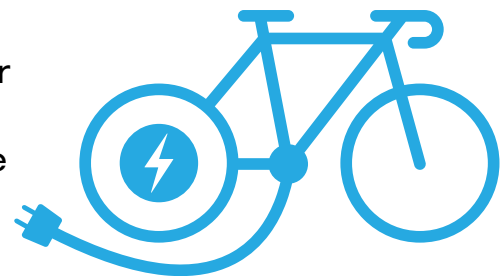
3

Pedal assist  
No throttle  
Up to 28 MPH

**Throttle:** Provides direct power to the motor up to its top speed without the need to pedal. It is typically located on the grip or handlebar. *eBikes with throttle are great on the road but are not allowed on local mixed-use trails such as the D&R canal path.*

### CHARGING

Most eBike batteries can plug into a standard outlet. Some eBikes have external batteries you can detach and carry to your apartment or office to charge. Other models have integrated batteries that cannot be removed from the bike; those might be better suited to garages with outlets. Consider where you will be doing most of your charging to know what model to get.



For additional information visit:  
[www.sustainableprinceton.org](http://www.sustainableprinceton.org)