



*Lead. Move. Live.*

# SYNERGY COMMUTER HIGH STEP

MODEL NUMBER  
SYN-CHS500

COLOR



TOP SPEED  
32 KM / 20 MPH



BATTERY RANGE  
50+ KM / 31+ MI



FRAME SIZE  
18"



## POWERFUL 500W MOTOR

The Synergy Commuter High Step comes equipped with a 500W Bafang Geared rear hub motor. Combine that with the S-ride drive-train, a Hydro-formed Aluminum frame and 26" wheels you've got yourself the ultimate commuter e-bike.

**IMPORTANT:** When parking your SYNERGY COMMUTER, we recommend you lock your battery by setting it on **locked** position, then remove the key.

# TECH SPECIFICATIONS

<b>MOTOR</b> 500W Bafang Geared Hub Motor	<b>FRONT SUSPENSION</b> Lightweight forged alloy. Responsive adjustable spring tension. 60mm travel. Mechanical lock-out, 1.5 kg	<b>CRANKSET</b> 170mm alloy crank arms, 46-tooth chainring
<b>BATTERY</b> 48v 13.6AH Li-on Battery	<b>USB PORT / DISPLAY</b> Colored display with USB charge	<b>RACKS</b> Front and rear included Max Weight Front Rack: 10 kg / 22 lbs rear Max Weight Rear Rack: 25 kg / 55 lbs rear
<b>TOP SPEED</b> 32 KMH / 20 MPH	<b>RIMS</b> 27.5" x 2.1" 36-hole F, 36-hole R, black	<b>REAR DERAILLEUR</b> 8-speed
<b>BATTERY RANGE</b> Up to 50+ KM / 31+ MI <small>With pedal-assist dependent upon usage, weather, conditions, terrain and rider's total weight</small>	<b>TIRES</b> 27.5" x 2.1" street profile	<b>SHIFTERS / GEAR</b> 8-speed trigger shifter
<b>BIKE WEIGHT</b> Without Battery: 25 kg / 55 lbs With Battery: 28.5 kg / 63 lbs	<b>BIKE DIMENSIONS</b> 74" L x 26" W x 45" H Lowest seat height 34" / 86cm 188cm L x 66cm W x 114cm H	<b>DISC BRAKES F/R</b> Zoom dual piston hydraulic disc brake, F/R w/180mm rotor; zoom levers w/ integrated motor cutoff
<b>MAX PERMISSIBLE TOTAL WEIGHT</b> 150 kg / 330 lbs	<b>RIDER MINIMUM AGE / SIZE RANGE</b> 16 years old (between 150-215 cm)	



## BATTERY

The battery is the main energy source of your SYNERGY COMMUTER, so be sure to treat it with care at all times. We recommend that you recharge it only with the charger provided with your SYNERGY COMMUTER.

### BATTERY FUNCTIONS

1. There are three key positions — **on**, **locked** and **unlocked**.
2. When the key is turned to the **unlocked** position, the battery is ready to be removed.
3. In the **locked** position (which can be found by turning the key one click from the unlocked position), the battery cannot be removed, and the motor cannot be switched on.
4. In the **on** position (which can be found by turning the key two clicks from the unlocked position), you have full use of your bike's electronic components. When the key is in the **on** position, turn the motor and LCD screen on and off by pushing the power button on the display.