



Lead. Move. Live.

SYNERGY STEP

MODEL NUMBER
SYN-S500



TOP SPEED
32 KM / 20 MPH



BATTERY RANGE
50+ KM / 31+ MI



FRAME SIZE
17"

POWERFUL 500W MOTOR

The Synergy STEP comes equipped with a Bafang geared rear hub motor with 500W peak output performance. Combine that with hydro-formed aluminum frame and cast wheels and you've got yourself a powerful bike that will move you. Available in matte black, matte white.

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

TECH SPECIFICATIONS

MOTOR 500W brushless geared rear-drive	FRONT SUSPENSION Lightweight forged alloy. Responsive adjustable spring tension. 60mm travel. Mechanical lock-out, 1.5 kg	CRANKSET 170mm alloy crank arms, 53-tooth chainring
BATTERY 48v 10.4AH Li-on Battery	REAR SUSPENSION 125L x 750 lbs — pre-adjusted with 24 +/-2 mm travel	BOTTOM BRACKET BB988 68mm x 164mm, threaded
TOP SPEED 32 KMH / 20 MPH	USB PORT 5V output	REAR DERAILEUR 7-speed
BATTERY RANGE Up to 50+ KM / 31+ MI <small>With pedal-assist dependent upon usage, weather, conditions, terrain and rider's total weight</small>	RIMS 20" x 4.0" 36-hole F, 36-hole R, black	SHIFTERS 7-speed SIS index shifting
BIKE WEIGHT Without Battery: 26 kg / 57.3 lbs With Battery: 29 kg / 63.9 lbs	FRONT HUB 135mm, 20" 36-hole	DISC BRAKES F/R Mechanical, aluminum rotors, 160/160
BIKE DIMENSIONS 71" L x 25.6" W x 48.8" H 180cm L x 65cm W x 124cm H	REAR HUB 185mm, 20" 36-hole	MAX PERMISSIBLE TOTAL WEIGHT 150 kg / 330 lbs
BIKE DIMENSIONS WHEN FOLDED 40.5" L x 23.2" W x 30.7" H 103cm L x 59cm W x 78cm H	TIRES 20" x 4.0" all-terrain or street profile	RIDER MINIMUM AGE / SIZE RANGE 16 years old (between 150-215 cm)



BATTERY

The battery is the main energy source of your SYNERGY STEP, 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 STEP.

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.