

COMPONENTS

DISK BRAKES

All Stromer models are equipped with hydraulic disk brakes. Brake performance is adapted to the high speed and the higher weight of the modular e-bikes.

TIRES

For increased safety, the Stromer is equipped with tires with integrated puncture protection. The Schwalbe BigBen tire developed especially for Stromer offers increased shock absorption for the most comfortable ride.

FORK

Impacts and vibrations are minimized by the light Stromer carbon fork. Thanks to the high level of comfort, cycling fun is guaranteed.

COMPONENTS	ELITE	PLATINUM
Gearshift	Shimano Sora	Shimano Sora XT
Front derailleur		Shimano Sora
Shifters	Shimano Sora	Shimano Sora
Gear speeds	9	27
Brakes	Magura MT2	Magura MT2
Rear cogs	11–32	11–32
Crank	Single 42T by Mountain 33 / S 52T by Power 48	FSA Tempo 30/39/50
Saddle	Stromer	Stromer
Pedals	Wellgo normal	Wellgo normal



POWER SYSTEM

The Stromer is powered by the rider and a brushless direct-current motor in the rear hub. A high degree of system efficiency can be achieved because the motor acts directly within the rear hub. The only mechanical contact that occurs within the motor is the industrial ball bearings. The motor is virtually maintenance free. The Stromer motor is available in three versions:

MOTOR	MOUNTAIN 25	MOUNTAIN 33*	POWER 48*
Supported speed	Up to 25 km/h	Up to 33 km/h	Up to 45 km/h
Output	250 W**	500 W	500 W
Torque	20 Nm**	40 Nm	30 Nm
Range (with ST522 battery)***	40–100 km	40–90 km	40–80 km

* Depending on the country, you may need insurance and/or need to obtain a license plate ** 500 W / 40 Nm in Switzerland

*** Sensor sensitivity 3, rider 70 kg

MOUNTAIN 25 – SMOOTH AND STRONG.

Suitable for relaxing rides in the country or the city.

MOUNTAIN 33 – FOR STEEP TERRAIN.

For trailers. For child bike trailers.

POWER 48 – HIGHEST SPEED.

Suitable for almost any topography.

BATTERY

The battery integrated into the frame is an energy package. At a low weight of 3 kg, it offers 396 Wh or optionally 522 Wh of power.

BATTERY	ST396	ST522
Energy	396 Wh	522 Wh
Voltage	36V	36V
Capacity	11 Ah	14.5 Ah
Weight	3 kg	3 kg

DESIGN AND ACCESSORIES

CITY KIT

- Front light B+M Lumotec IQ Fly Stromer
- Rear light B+M Toplight mini
- Kickstand Pletscher Optima
- Mudguards Stromer
- Carrier Tubus Stromer Racktime System

CITY KIT PLATINUM

- Front light Supernova E3 Stromer
- Rear light B+M Toplight mini
- Kickstand Pletscher Optima
- Mudguards Stromer
- Carrier Tubus Stromer Racktime System

STROMER RECOMMEND:

- + Additional charger Stromer
- + Additional battery Stromer 396 Wh (36 V, 11 Ah)
- + Additional battery Stromer 522 Wh (36 V, 14.5 Ah)
- + Carrier Tubus Stromer Racktime System
- + e-bike Rearview mirror
- + Bell
- + Pants protector ring
- + Foldable lock Trelock FS300
- + Racktime system adapter Snapit
- + Racktime lock Secureit
- + Trailer plate Stromer



FORK OPTION

+ Suspension fork SR Suntour Ridon Stromer

FRAME COLOR

The Stromer is available in three basic color variants:
Red, White or Black.



heartbeat



FRAME SIZE

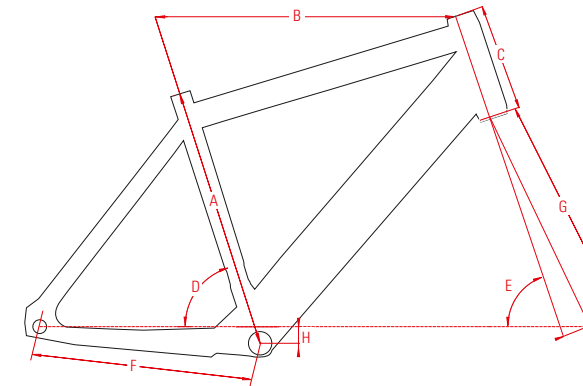
STROMER MEN

Body size	Frame size	A	B	C	D	E	F	G	H
to 175cm	16,5"	420*	585*	205*	74,5°	70°	425*	415*	-57*
from 175cm	20	508*	585*	205*	74,5°	70°	425*	415*	-57*

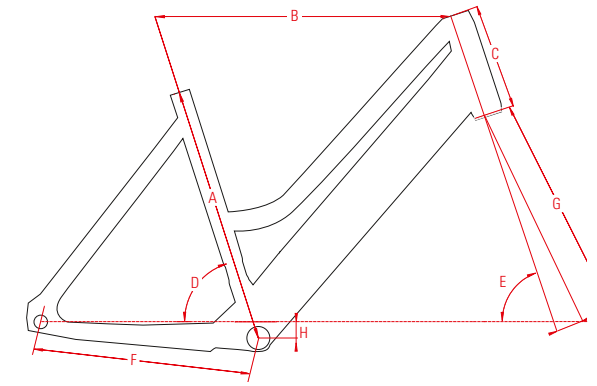
STROMER LADY

Body size	Frame size	A	B	C	D	E	F	G	H
to 175cm	16,5"	420*	580*	235*	74,5°	70°	425*	415*	-57*

* in mm



Stromer Men



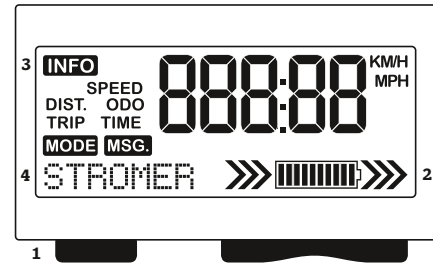
Stromer Lady

freedom

FAQ

INTERFACE

Interface between rider and Stromer.
The on-board instruments.



BUTTONS ¹

All Stromer functions can be easily enabled by using just three buttons.

ENERGY DISPLAY ²

The Stromer interface shows the battery charge level, the current consumption and the rate of regenerative braking.

SPEEDOMETER ³

The Stromer interface shows the following ride information: Speed, average speed, trip distance, total distance, trip time and time of day.

MODE ⁴

The support mode can be selected from four different output modes. In addition, the Stromer has a boost mode (riding mode without pedaling support) and push assistance.

SETUP

Using defined codes, Stromer users can fine tune their own optimal settings. Using a USB interface, performance parameters are tuned in the myStromer Service Center.

ENERGY CONSUMPTION

During an average Stromer ride, the Stromer's energy consumption is less than 1 kWh/100 km and is therefore very cost-effective.

PRICES

Pricing is modular. The components selected determine the basic price. Options and accessories are added.

HELMET

In certain countries, it is mandatory to wear a protective helmet. Information is available from the respective Department of Motor Vehicles or from any Stromer dealer.

LIGHT

Securely fastened lights are prescribed for e-bikes. The standards differ in terms of details from country to country, but the Stromer is always delivered with lights that comply with the prevailing national standards. If the Stromer is equipped with our battery powered lights, the light still functions, even if there is no longer enough power in the battery to run the motor.

MOPED

As of 25 km/h (motors Mountain33 and Power48), the Stromer is classified as a moped in the class L1e (2002/24/EC). In most countries, there are thus stricter standards for the registration. For example: license plate, insurance, corresponding lights, rearview mirror. The Stromer is always delivered compatible with registration for the respective country. In most countries, mopeds can also be used on bike paths. If mopeds are prohibited, you can only ride them with the motor switched off. Additional information is available from the respective Department of Motor Vehicles or from the Stromer dealer.

AKKU

High-tech lithium-ion battery pack. 522 Wh (14.5 Ah; 36 V) or 396 Wh (11 Ah; 36 V). With an integrated battery management system for optimized battery lifecycle. Integrated into the down tube, the battery is removed in just a few steps. Battery can be directly charged on-board the Stromer or off-board. Battery can be released in seconds at the press of a button.

BATTERY CHARGING TIME

The 396 Wh battery is fully charged in 3 hours. The 522 Wh battery is fully charged in 4 hours.

CHARGER

The "fuel station" for the Stromer. The battery can be charged directly at the bike or separately from the e-bike.

TORQUE SENSOR

Determines the power of the rider and controls the motor power. Can be individually set using the interface.

BRAKE SENSOR

Interrupts motor power during brake application, the motor switches to generator mode (recuperation) and recharges the battery.

RECUPERATION

The energy created by the brake application is fed back into the battery. The braking energy is once again turned into drive energy.

+ STROMER -