

E-BIKES NEO

This is the BH model that innovated the world of e-bikes, as demonstrated by many awards it has won, and has served as the base for creating the complete Easy Motion product range with the integrated battery.

BATTERY INTEGRATED INTO THE FRAME

Its patented design with removable battery that is completely integrated into the frame converts the NEO into one of the most comfortable and completely innovative bicycles in design.

RDS 350 W REAR MOTOR

Noise is totally eliminated even in extreme use. The RDS system totally improves the use of the motor and immediately and smoothly provides assistance without hitches.

Contains patented differentiators exclusively from BH. When the cyclist is using the wheel without resistance, the wheel is free of friction. Has a side output motor cable to facilitate the output of the rear wheel. Has a fixed cassette system.

OPTIONAL KITS

Apps Lite & Premium that you can download from the website allows you to connect your cell phone to your bike, telling you the battery level, average speed, travel time... **Light Upgrade Kit** and **Quick Release** motor.

SEVERAL AWARDS

Eurobike Award 2011 for the best design and functionality in hybrid bikes and finalist in the Delta of Design 2013 awards.



Choose your time of assistance

Casual Spin	ECO
1:0,7	Extra power by 70% assisted pedaling.
Long ride	STANDARD
1:1,4	Extra power by 140% assisted pedaling.
Sport	SPORT
1:2	Double the power through assisted pedaling.
Fast ride	BOOST
1:3	Triples the power through assisted pedaling.

Transmission and standard **Q Factor**
for use as a conventional bike

NEO



Neo RDS

Emotion Remov.

Samsung 324Wh (36V/ 9Ah)
432Wh (36V/ 12Ah)

"Brushless" 350W

Up to 70 km
90 km

Upgrade kits

Motor with Quick Release

Apps Lite & Premium

Light Kit



Neo Carbon
EN885

Neo Carbon

XDS Carbon

Shimano 105 10SP

FSA Vero JIS 3SP

Tektro E-Comp
160 mm/160 mm

Kenda 198 700*32C

Shimano

MD

kg 18,9



Neo Volt Sport Lite
EN265

Neo Alloy Volt 20" Foldable

Hi-Ten

Shimano RD-2300 8SP

Suntour 48T

Tektro E-Comp
160 mm/160 mm

Kenda 20*1,95C

Shimano

MD

kg 21,4



Neo Volt Lite
EN255

Neo Alloy Volt 20" Foldable

Hi-Ten

Shimano RD-2300 7SP

Suntour 48T

V-Brake Alloy

Kenda 20*1,75C

Shimano Dinamo

MD

kg 22,4



Neo Prox Lite
EN205

Neo Alloy Volt 20"

Hi-Ten

Shimano RD-2300 7SP

Suntour 48T

V-Brake Alloy

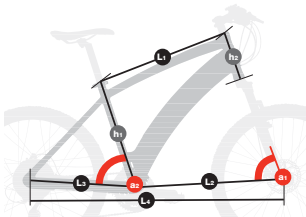
Kenda 20*1,75C

Shimano Dinamo

MD

kg 22

Neo Carbon EN885



Dimensions in mm.										
Size	h ₁	h ₂	L ₁	L ₂	L ₃	L ₄	a ₁	a ₂	Total	
MD	490	195	599	711	450	1.158	67°	71°	1.858	

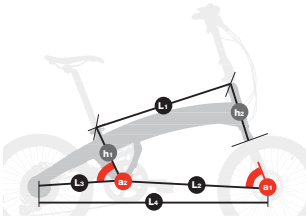
colors	code
	CARBON MATT-C04
Accessories Kickstand	

Frame	Neo Carbon
Rear Shock	–
Fork	XDS Carbon
Stem	Emotion Light
Headset	Integrated
Shift levers	Shimano 105
Rear Derailleur	Shimano 105 10SP
Front Derailleur	Shimano Tiagra
Crank Set	FSA Vero JIS 3SP
B.B Set	Integrated
Cassette	Shimano 105 10SP (11-25T)
Chain	Shimano CN-4601
Brake levers	Tektro E-Comp 160 mm/160 mm
Rims	Alloy Double Wall
Tires	Kenda 198 700*32C
Hubs	Shimano
Spokes	Stainless Steel
Saddle	Emotion Perform
Seat Clamp	Quick Release
Seatpost	Carbon 31,6 mm
Handlebar	Emotion Carbon
Grips	Ergonomic
Pedals	Alloy Antislip
Weight	18,9 kg

TECHNOLOGY	
System	Neo RDS 12Ah
Battery	Samsung 432Wh (36V/ 12Ah)
Motor	"Brushless" 350W
Distance	Up to 90 km
Display	LCD Emotion Remov.
Display bag	✓
Upgrade kits	Motor with QR Apps Lite & Premium Light kit

SPORT LITE

Neo Volt EN265



Dimensions in mm.										
Size	h ₁	h ₂	L ₁	L ₂	L ₃	L ₄	a ₁	a ₂	Total	
MD	280	175	675	680	403	1.080	74°	73°	1.580	

colors	code
	WHITE-005
Accessories Kickstand	

Frame	Neo Alloy Volt 20" Foldable
Rear Shock	–
Fork	Hi-Ten
Stem	Telescopic
Headset	Integrated
Shift levers	Shimano Acera
Rear Derailleur	Shimano RD-2300 8SP
Front Derailleur	–
Crank Set	Suntour 48T
B.B Set	Integrated
Cassette	Shimano HG51 8SP (11-28T)
Chain	CN-HG40
Brake levers	Tektro E-Comp 160 mm/160 mm
Rims	Alloy Double Wall
Tires	Kenda 20*1,95C
Hubs	Shimano
Spokes	Stainless Steel
Saddle	Emotion Comfort Light
Seat Clamp	Quick Release
Seatpost	Alloy 31,6 mm
Handlebar	Alloy
Grips	Ergonomic
Pedals	Folding
Weight	21,4 kg

TECHNOLOGY	
System	Neo RDS 9Ah
Battery	Samsung 324Wh (36V/ 9Ah)
Motor	"Brushless" 350W
Distance	Up to 70 km
Display	LCD Emotion Remov.
Display bag	✓
Upgrade kits	Motor with QR Apps Lite & Premium Light kit

RWS Patented

1. Ride

2. Walk

3. Store

1.000 x 900 x 350 mm.

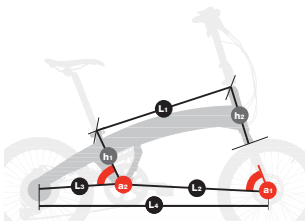


Neo Volt EN255

LITE

Frame	Neo Alloy Volt 20" Foldable
Rear Shock	–
Fork	Hi-Ten
Stem	Telescopic
Headset	Integrated
Shift levers	Shimano Tourney
Rear Derailleur	Shimano RD-2300 7SP
Front Derailleur	–
Crank Set	Suntour 48T
B.B Set	Integrated
Cassette	Shimano TZ21 7SP (12-28T)
Chain	CN-HG40
Brake levers	V-Brake Alloy
Rims	Alloy Double Wall
Tires	Kenda 20*1,75  
Hubs	Shimano Dinamo
Spokes	Stainless Steel
Saddle	Emotion Comfort Light
Seat Clamp	Quick Release
Seatpost	Alloy 31,6 mm
Handlebar	Alloy
Grips	Ergonomic
Pedals	Folding
Weight	22,4 kg

TECHNOLOGY	
System	Neo RDS 9Ah
Battery	Samsung 324Wh (36V/ 9Ah)
Motor	"Brushless" 350W
Distance	Up to 70 km
Display	LCD Emotion Remov.
Display bag	✓
Upgrade kits	Motor with QR Apps Lite & Premium



Dimensions in mm.									
Size	h1	h2	L1	L2	L3	L4	a1	a2	Total
MD	280	175	675	680	403	1.080	74°	73°	1.580

colors	code
	BLACK-N11

Accessories Fenders, carrier, kickstand and bell

Lighting Headlight: Led Herrmans H-Diver,
Rear light: Led Herrmans Google,
Rear reflector: Rear Light Integrated

RWS Patented



 1.000 x 900 x 350 mm.

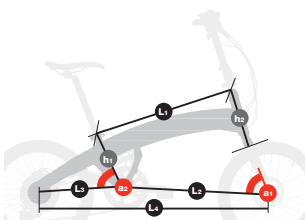


Neo Prox

LITE

Frame	Neo Alloy Volt 20"
Rear Shock	–
Fork	Hi-Ten
Stem	Telescopic
Headset	Integrated
Shift levers	Shimano Tourney
Rear Derailleur	Shimano RD-2300 7SP
Front Derailleur	–
Crank Set	Suntour 48T
B.B Set	Integrated
Cassette	Shimano TZ21 7SP (12-28T)
Chain	CN-HG40
Brake levers	V-Brake Alloy
Rims	Alloy Double Wall
Tires	Kenda 20*1,75  
Hubs	Shimano Dinamo
Spokes	Stainless Steel
Saddle	Emotion Comfort Light
Seat Clamp	Quick Release
Seatpost	Alloy 31,6 mm
Handlebar	Alloy
Grips	Ergonomic
Pedals	Folding
Weight	22 kg

TECHNOLOGY	
System	Neo RDS 9Ah
Battery	Samsung 324Wh (36V/ 9Ah)
Motor	"Brushless" 350W
Distance	Up to 70 km
Display	LCD Emotion Remov.
Display bag	✓
Upgrade kits	Motor with QR Apps Lite & Premium



Dimensions in mm.									
Size	h1	h2	L1	L2	L3	L4	a1	a2	Total
MD	280	175	675	680	403	1.080	74°	73°	1.580

colors	code
	WHITE-005

Accessories Fenders, carrier, kickstand and bell

Lighting Headlight: Led Herrmans H-Diver,
Rear light: Led Herrmans Google,
Rear reflector: Rear Light Integrated