



Product Specification

Lovens Explorer 2

The Lovens Explorer electric cargo bike offers the perfect combination of components. With a stylish design and components that offer ultimate comfort, it is built to transport your cargo safely while providing the feeling of freedom and enjoyment every day. In this document you will find all the product specifications about the Lovens Explorer 2.



Bike dimensions:	Length 2.64m x Width 0.72m x Height 1.12m
Box dimensions:	Length 885mm x Width 632mm x Height 500mm
Bike Weight:	59,5kg (voor S60)

Load Capacity:	Maximum load in box 100kg Maximum load total 250kg Maximum load on rear carrier 27kg Maximum rider weight 120kg Maximum rear bench weight 44kg (maximum 22kg per seat)
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Box Crate Capacity:	With Bench: 400mm x 345mm Without Bench: 400mm x 500mm
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Box Capacity:	193L
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The contents of this specification list have been reviewed and approved.
Bas Linssen - Design Manager Optima Cycles
Date: 13-01-2025

Lovens Explorer 2 S60

Battery	Bosch 400 Wh 545 Wh à €300 800 Wh à €600
Motor	Bosch Performance Line 60 Nm mid-drive motor BDU346Y
App	Bosch eBike Flow app with eBike lock
Optional	Bosch eBike Battery Lock
Braking system	Hydraulic disc brakes Magura CMe, 4 pistons per caliper, 203/180 mm rotors
Transmission	Shimano Nexus 5 manual shifting
Display	Bosch Purion 200 side display
Belt	Gates CDX Belt
Saddle	Selle Royal Rio Relaxt with grip
Seatpost	Lovens seatpost
Front lights	Trelock Lighthammer 80 Lux
Rear lights	Spanninga led
Tires	Schwalbe Super Moto-X 62 mm
Color frame	Avenue Green / Alloy Grey
Color styling	Brown / Black
Front fork	Suspension fork RST Beast, 50 mm travel, 15 mm thru axle
Stem	Satori manually adjustable

Lovens Explorer 2 S75

Battery	Bosch 400 Wh 545 Wh à €300 800 Wh à €600
Motor	Bosch Performance Line 75 Nm mid-drive motor BDU346Y
App	Bosch eBike Flow app with eBike lock
Optional	Bosch eBike Battery Lock
Braking system	Hydraulic disc brakes Magura CMe, 4 pistons per caliper, 203/180 mm rotors
Transmission	Enviolo Heavy Duty manual
Display	Bosch Purion 200 side display
Belt	Gates CDX Belt
Saddle	Selle Royal Rio Relaxt with grip
Seatpost	Lovens seatpost
Front lights	Trelock Lighthammer 80 Lux
Rear lights	Spanninga led Primento with brake indicator
Tires	Schwalbe Super Moto-X 62 mm
Color frame	Avenue Green / Alloy Grey
Color styling	Brown / Black
Front fork	Suspension fork RST Beast, 50 mm travel, 15 mm thru axle
Stem	Satori manually adjustable

Lovens Explorer 2 S75 AUTO

Battery	Bosch 400 Wh 545 Wh à €300 800 Wh à €600
Motor	Bosch Performance Line 75 Nm midden-motor BDU346Y
App	Bosch eBike Flow app met eBike lock
Optional	Bosch eBike Battery Lock
Braking system	Hydraulic disc brakes Magura CMe, 4 pistons per caliper, 203/180 mm rotors
Transmission	Enviolo Heavy Duty AUTOMATiQ
Display	Bosch Purion 200 zijdisplay
Belt	Gates CDX Belt
Saddle	Selle Royal Rio Relaxt with grip
Seatpost	Lovens seatpost
Front lights	Trelock Lighthammer 80 Lux
Rear lights	Spanninga led Primento with brake indicator
Tires	Schwalbe Super Moto-X 62 mm
Color frame	Avenue Green / Alloy Grey
Color styling	Brown / Black
Front fork	Suspension fork RST Beast, 50 mm travel, 15 mm thru axle
Stem	Satori manually adjustable

Lovens Explorer 2 S75 ABS

Battery	Bosch 400 Wh 545 Wh à €300 800 Wh à €600
Motor	Bosch Performance Line 75 Nm midden-motor BDU346Y
App	Bosch eBike Flow app with eBike lock
Optional	Bosch eBike Battery Lock
Braking system	Hydraulic disc brakes Magura MTC ABS, 4 pistons per caliper, 203/180 mm rotors
Transmission	Enviolo Heavy Duty manual
Display	Bosch Purion 200 side display
Belt	Gates CDX Belt
Saddle	Selle Royal Rio Relaxt with grip
Seatpost	Lovens seatpost
Front lights	Trelock Lighthammer 80 Lux
Rear lights	Spanninga led Primento with brake indicator
Tires	Schwalbe Super Moto-X 62 mm
Color frame	Avenue Green / Alloy Grey
Color styling	Brown / Black
Front fork	Verend, RST Beast 50 mm travel, 15 mm thru-axle
Stem	Satori manually adjustable

Lovens Explorer 2 S75 AUTO ABS

Battery	Bosch 400 Wh 545 Wh à €300 800 Wh à €600
Motor	Bosch Performance Line 75 Nm midden-motor BDU346Y
App	Bosch eBike Flow app with eBike lock
Optional	Bosch eBike Battery Lock
Braking system	Hydraulic disc brakes Magura MTC ABS, 4 pistons per caliper, 203/180 mm rotors
Transmission	Enviolo Heavy Duty AUTOMATiQ
Display	Bosch Purion 200 side display
Belt	Gates CDX Belt
Saddle	Selle Royal Rio Relaxt with grip
Seatpost	Lovens seatpost
Front lights	Trelock Lighthammer 80 Lux
Rear lights	Spanninga led Spanninga led Primento with brake indicator
Tires	Schwalbe Super Moto-X 62 mm
Color frame	Avenue Green / Alloy Grey
Color styling	Brown / Black
Front fork	Suspension fork RST Beast, 50 mm travel, 15 mm thru axle
Stem	Satori manually adjustable

Lovens Explorer 2 S100

Battery	Bosch 400 Wh 545 Wh à €300 800 Wh à €600
Motor	Bosch Cargo Line 100 Nm mid-drive motor BDU384Y
App	Bosch eBike Flow app with eBike lock
Optional	Bosch eBike Battery Lock
Braking system	Hydraulic disc brakes Magura CMe, 4 pistons per caliper, 203/180 mm rotors
Transmission	Enviolo Extreme manual
Display	Bosch Purion 200 side display
Belt	Gates CDX Belt
Saddle	Selle Royal Rio Relaxt with grip
Seatpost	Lovens seatpost
Front lights	Trelock Lighthammer 80 Lux
Rear lights	Spanninga led Primento with brake indicator
Tires	Schwalbe Super Moto-X 62 mm
Color frame	Avenue Green / Alloy Grey
Color styling	Brown / Black
Front fork	Suspension fork RST Beast, 50 mm travel, 15 mm thru axle
Stem	Satori manually adjustable

Lovens Explorer 2 S100 AUTO

Battery	Bosch 400 Wh 545 Wh à €300 800 Wh à €600
Motor	Bosch Cargo Line 100 Nm mid-drive motor BDU384Y
App	Bosch eBike Flow app with eBike lock
Optional	Bosch eBike Battery Lock
Braking system	Hydraulic disc brakes Magura CMe, 4 pistons per caliper, 203/180 mm rotors
Transmission	Enviolo Extreme AUTOMATiQ
Display	Bosch Purion 200 side display
Belt	Gates CDX Belt
Saddle	Selle Royal Rio Relaxt with grip
Seatpost	Lovens seatpost
Front lights	Trelock Lighthammer 80 Lux
Rear lights	Spanninga led Primento with brake indicator
Tires	Schwalbe Super Moto-X 62 mm
Color frame	Avenue Green / Alloy Grey
Color styling	Brown / Black
Front fork	Suspension fork RST Beast, 50 mm travel, 15 mm thru axle
Stem	Satori manually adjustable

Lovens Explorer 2 S100 Auto ABS

Battery	Bosch 400 Wh 545 Wh à €300 800 Wh à €600
Motor	Bosch Cargo Line 100 Nm mid-drive motor BDU384Y
App	Bosch eBike Flow app with eBike lock
Optional	Bosch eBike Battery Lock
Braking system	Hydraulic disc brakes Magura CMe, 4 pistons per caliper, 203/180 mm rotors
Transmission	Enviolo Extreme AUTOMATiQ
Display	Bosch Purion 200 side display
Belt	Gates CDX Belt
Saddle	Selle Royal Rio Relaxt with grip
Seatpost	Lovens seatpost
Front lights	Trelock Lighthammer 80 Lux
Rear lights	Spanninga led Primento with brake indicator
Tires	Schwalbe Super Moto-X 62 mm
Color frame	Avenue Green / Alloy Grey
Color styling	Brown / Black
Front fork	Suspension fork RST Beast, 50 mm travel, 15 mm thru axle
Stem	Satori manually adjustable