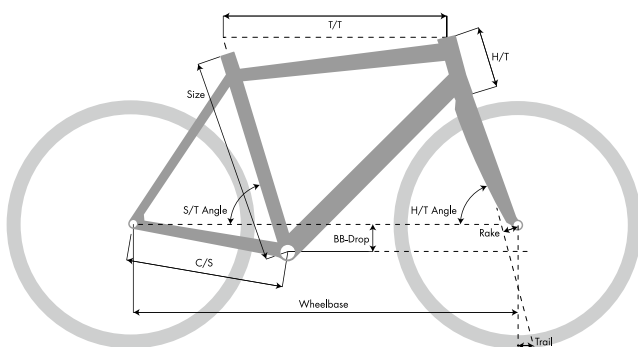


	E-Special (G) (ES)	E-Special (L) (ESL)
Frame sizes	54-57-60-63cm	47-50-53-56cm
Frame description	Completely hand-built Super Smooth TIG-welded frame. Tubes manufactured in triple-hardened 6061 aluminium. Special down tube with internal battery pack. Equipped with: integrated new designed headset, rear carrier and basements for all accessories.	Completely hand-built Super Smooth TIG-welded low step-through frame. Tubes manufactured in triple-hardened 6061 aluminium. Special down tube with internal battery pack. Equipped with: integrated new designed headset, rear carrier and basements for all accessories.
Front fork	KOGA Feather Lightweight - Ball bearing guided suspension fork - Travel 35 mm	KOGA Feather Lightweight - Ball bearing guided suspension fork - Travel 35 mm
Headset	Industrial bearing - Integrated in frame	Industrial bearing - Integrated in frame
Colour	Limestone	Limestone
Handlebar	KOGA Touring alloy	KOGA Touring alloy
Stem	KOGA Justera - Adjustable A-head	KOGA Justera - Adjustable A-head
Grips	KOGA Ergonomic Genuine leather	KOGA Ergonomic Genuine leather
Shift lever (r)	Shimano Deore LX Rapidfire Plus - Two way release - Optical gear display	Shimano Deore LX Rapidfire Plus - Two way release - Optical gear display
Shift lever (l)	Shimano Deore LX Rapidfire Plus - Two way release - Optical gear display	Shimano Deore LX Rapidfire Plus - Two way release - Optical gear display
Disc-/Hydraulic brake set (f)	Shimano LX	Shimano LX
Disc-/Hydraulic brake set (r)	Shimano LX	Shimano LX
Shifter cable	Stainless steel inner cable -Flexible outer cable with PTFE tube for light shifting	Stainless steel inner cable -Flexible outer cable with PTFE tube for light shifting
Rotor front	Shimano	Shimano
Rotor rear	Shimano	Shimano
Chain	KMC X10	KMC X10
Front hub	Shimano	Shimano
Rear hub	Ultra Torque Motor - Ion technology 50Nm - Direct Drive: Soundless	Ultra Torque Motor - Ion technology 50Nm - Direct Drive: Soundless
Tires	Schwalbe Energizer 37 mm - Kevlar protection - Side reflection	Schwalbe Energizer 37 mm - Kevlar protection - Side reflection
Tube	Schwalbe	Schwalbe
Rims	Exal EL19-622 Strong alloy - Double wall and Optimised Nipple Contact 36 holes/ KOGA KM19-622 Xlite alloy - Double wall and double eyeletted 36 holes - Durable finished	Exal EL19-622 Strong alloy - Double wall and Optimised Nipple Contact 36 holes/ KOGA KM19-622 Xlite alloy - Double wall and double eyeletted 36 holes - Durable finished
Rim tape	Hermanns innertube protective	Hermanns innertube protective
Spokes	Sapim stainless - Cold forged reinforced - Butted	Sapim stainless - Cold forged reinforced - Butted
Saddle	KOGA Komforza	KOGA Komforza
Seat post	KOGA alloy - Shock absorbing - Safety Clamp construction - Travel 30mm	KOGA alloy - Shock absorbing - Safety Clamp construction - Travel 30mm
Seat clamp	KOGA - Alloy	KOGA - Alloy
Crank set	Shimano Hollowtech II - Ultralightweight - Hyperdrive chainrings for smooth and precise shifting: 44x32x24T	Shimano Hollowtech II - Ultralightweight - Hyperdrive chainrings for smooth and precise shifting: 44x32x24T
Pedals	KOGA Sole-Mate - Concaved anti slip layer - Industrial bearing - ED coated body	KOGA Sole-Mate - Concaved anti slip layer - Industrial bearing - ED coated body
Cassette	Shimano Deore HG-62 10 speed - Hyperglide for quick and smooth shifting - Sprockets: 11-12-14-16-18-20-22-25-28-32T	Shimano Deore HG-62 10 speed - Hyperglide for quick and smooth shifting - Sprockets: 11-12-14-16-18-20-22-25-28-32T
Rear derailleur	Shimano Deore LX	Shimano Deore LX
Front derailleur	Shimano deore LX	Shimano deore LX
Derailleur guard	KOGA E-guard rear derailleur protection	KOGA E-guard rear derailleur protection
Pump	KOGA Telescopic with alloy barrel - Schrader and Presta Fit - High Pressure/ Big Volume switch - Ergonomic hinge grip	KOGA Telescopic with alloy barrel - Schrader and Presta Fit - High Pressure/ Big Volume switch - Ergonomic hinge grip
Bottle	KOGA alloy - Hygienic innerlayer - Easy refill	
Bottle holder	Elite Taki	
Bell	Widek Compact	Widek Compact
Chain guard	KOGA Suomi crancak integrated	KOGA Suomi crancak integrated
Mudguard (f)	KOGA	KOGA
Mudguard (r)	KOGA	KOGA
Coat guards	KOGA Espejitos Lightweight	KOGA Espejitos Lightweight
Headlight	KOGA Rayo Senso Crown Connect - New IQ-LED technology 35 Lux - Integrated reflector - Daylight function - KBA approved	KOGA Rayo Senso Crown Connect - New IQ-LED technology 35 Lux - Integrated reflector - Daylight function - KBA approved
Rear light	B&M Shine Evo	B&M Shine Evo
Rear carrier	Racktime frame integrated - Alloy hollow tubing max 25 kg - Durable black finish	Racktime frame integrated - Alloy hollow tubing max 25 kg - Durable black finish
Rubber strap	KOGA TriFlex	KOGA TriFlex
Kickstand	Pletscher Optima - Superb stability with crancak protection - Powdercoated durable finish	Pletscher Optima - Superb stability with crancak protection - Powdercoated durable finish
Ring lock	AXA Defender RL - ART ** Approved - Folding key	AXA Defender RL - ART ** Approved - Folding key
Display	KOGA Square with Control Unit next to grip - Programmierbare software modules - Removed display functions as an electronic lock	KOGA Square with Control Unit next to grip - Programmierbare software modules - Removed display functions as an electronic lock
Battery	Li-Ion 317-417-490 Wh (36V*8,8 - 36V*11,6A - 36V*13,6A) Removable from downtube	Li-Ion 317-417-490 Wh (36V*8,8 - 36V*11,6A - 36V*13,6A) Removable from downtube
Accessories	Power Assist - HandlebarControl Unit	Power Assist - HandlebarControl Unit
Gears	30	30



Gents

Size	T/T	C/S	Wheelbase	BB-Drop	Rake	H/T Angle	S/T Angle	Trail	H/T	Reach	Stack
54	572	457	1066	55	45	70,0	71,0	78	190	349	649
57	584	457	1072	55	45	70,3	71,0	76	190	360	651
60	596	457	1072	55	45	70,3	70,0	76	190	359	651
63	608	457	1078	59	45	70,0	70,0	78	190	369	657

Ladies

Size	T/T	C/S	Wheelbase	BB-Drop	Rake	H/T Angle	S/T Angle	Trail	H/T	Reach	Stack
47	562	457	1068	69	45	69,3	72,0	83	190	348	660
50	569	457	1069	69	45	69,3	71,3	83	190	348	660
53	576	457	1070	69	45	69,3	71,0	83	190	349	660
56	583	457	1070	69	45	69,3	70,3	83	190	349	660