



Your brand, your vision, **our power.**

Reliable global partner to the automotive industry since 1913. —————

Emerging from the well-established BOSCH Starter Motors and Alternators division in 2018, we stand for more than a century of development and manufacturing competences for a broad range of passenger car and commercial vehicle's rotating machines.

Almost all car manufacturers worldwide rely on our engineering expertise and global production network for high-performance products. Our quality mindset and manufacturing standards from the Original Equipment (OE) business also drive our growth in e-mobility solutions and make us a strong partner for your success.

Since becoming an independent company, we have significantly expanded our activities and started our e-mobility solutions business. Our products already cover a large portion of the vehicles on and off the road – our portfolio provides a solution for half of the passenger cars and commercial vehicles on Europe's roads. In the mid-term, we aim to provide our customers a market coverage of 80%.



MID MOUNT SOLUTIONS

SEG Automotive BMM 85

TECHNICAL DATA

Torque (Nm)	85
Rated Power (W)	250
Max. Power (W)	600
Weight (g)	2500
Max. Assistance (%)	400
Battery Voltage (V)	36
Assistance up to (Km/h)	25 - 32

SEG Automotive

BLM 75

TECHNICAL DATA

Torque (Nm)	75
Rated Power (W)	250
Max. Power (W)	500
Weight (g)	2200
Max. Assistance (%)	400
Battery Voltage (V)	36 - 48
Assistance up to (Km/h)	25 - 32





CUSTOMIZED SOLUTIONS

SEG Automotive BH_z by SEG

TECHNICAL DATA

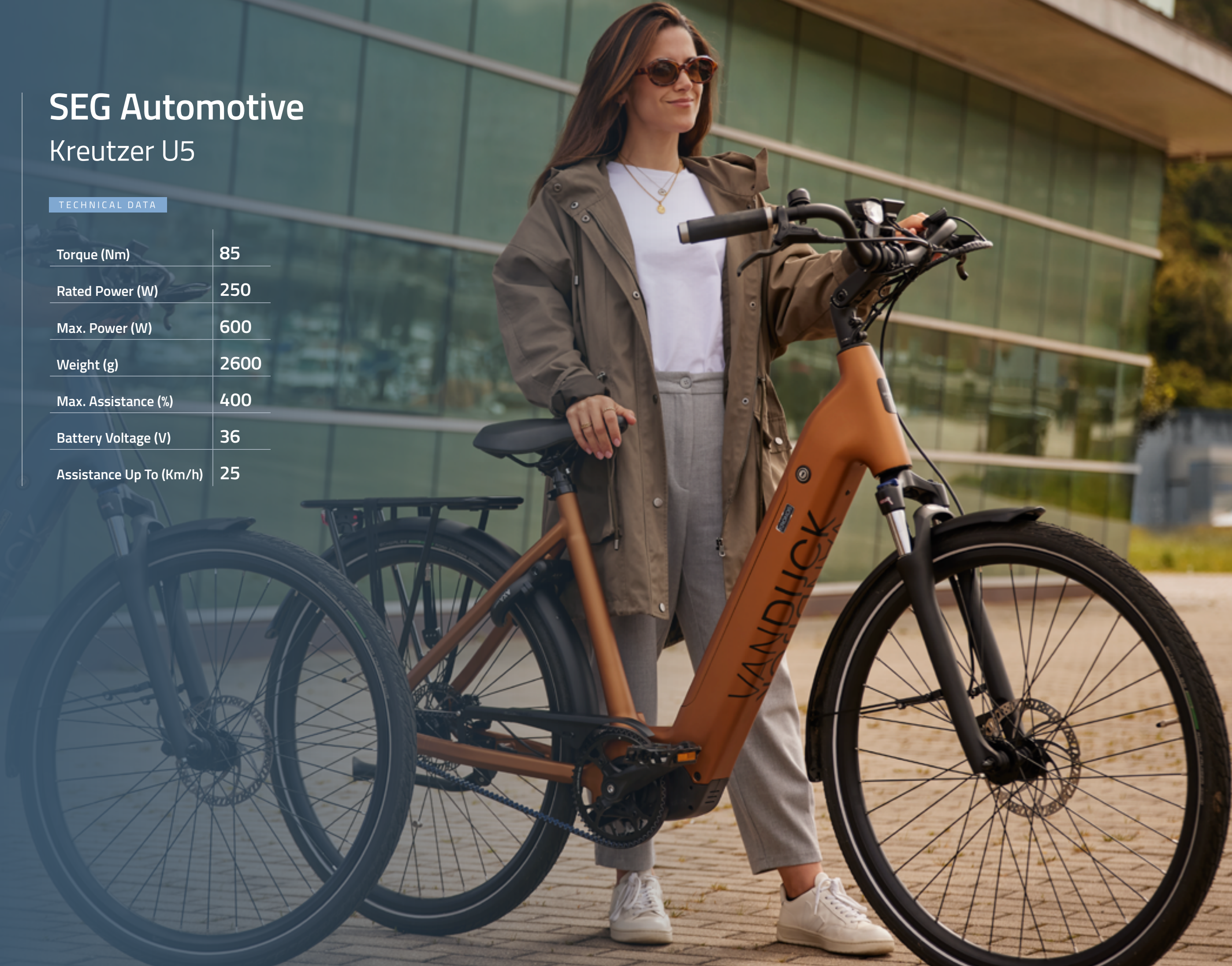
Torque (Nm)	65
Rated Power (W)	250
Max. Power (W)	500
Weight (g)	2100
Battery Voltage (V)	36

SEG Automotive

Kreutzer U5

TECHNICAL DATA

Torque (Nm)	85
Rated Power (W)	250
Max. Power (W)	600
Weight (g)	2600
Max. Assistance (%)	400
Battery Voltage (V)	36
Assistance Up To (Km/h)	25



System Components

Batteries



	BBI					BBE
	INTEGRATED					EXTENDER
Cell Type	18650			21700		
Configuration	10S4P	10S5P	10S3P/4P		10S5P	10S1Pnv
Nominal Voltage (V)	36					
Max. Nominal Capacity (Ah)	14	11,6 / 14	11,6 / 14 / 17,5	14,7 / 19,6 / 16,7 / 22,2	24,5 / 27,8	4,9 / 5,57
Max. Energy Content (Wh)	504	420 / 500	420 / 500 / 630	530 - 800	880 / 1000	176 / 200
Communication Protocol	CAN / UART			CAN		
Dimmensions (L*W*H mm)	412 * 66 * 66	347 * 63 * 85	412 * 63 * 85	368,4 * 75 * 91,4	442 * 75 * 91,4	Ø 75 * 230
IP Grade	> IPX6	IPX7				
Weight (Kg)	3,0	2,9	3,2	4,0	4,9	1,1

Charger

Output Voltage (V)	36
Output Current (A)	2 / 3
Dimmensions (L*W*H mm)	145 * 62 * 33
Communication	CAN Bus / Single
Standards	European Standard
Certification Ready	GS / CE / CB

System Components

Displays



	BDS 18	BDC 35	BDI 20
Display	1.8" Color TFT	3.5" Color TFT	2.0" Color TFT
Voltage Input (V)	24 / 36 / 48 / 52 / 60		
Communication	UART/CAN		
USB (Charging)	Type-A, 5V 1000mA (Output)	Type-C, 5V 1000mA (Output)	
Bluetooth	Optional		
Buttons	⏻ , + , -	via Remote	
Waterproof	IP66		
Assist	0-5		
Cycling Info	Real time speed, Real time power		
	Average speed, Maximum speed		
	Trip distance, Total distance		

Remote

Connection Type	Wire
Waterproof	IP66
Operating Temperature (°C)	-20 ~+70
Storage Temperature (°C)	-25 ~+80°C
Number of Buttons	3
Functions	⏻, +, -



#WeAreTheMotor

SEG Automotive Germany GmbH

Lotterbergstraße 30
70499 Stuttgart
Germany
www.seg-automotive.com

Contact:
Tobias Lehmann
Phone: +49 172 396 09 76
LEM@seg-automotive.com

English Brochure — V250620