

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

Reliable global partner to the automotive industry since 1913.

Emerging from the well-established BOSCH Starter Motors and

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

business. Our products already cover a large portion of the



SEG Automotive BMM

TECHNICAL DATA

Torque (Nm)	85
Rated Power (W)	250
Max. Power (W)	600
Weight (g)	2500
Max. Assistance (%)	400
Battery Voltage (V)	36

SEG Automotive

TECHNICAL DATA

TECHNICAE DATA	
Torque (Nm)	70
Rated Power (W)	250
Max. Power (W)	500
Weight (g)	2200
Max. Assistance (%)	400
Battery Voltage (V)	36/48



SIL



SEG Automotive BHz 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 by SEG

TECHNICAL DATA

2	
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

	3					
	BBI					BBE
	INTEGRATED					EXTENDER
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
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
Weight (Kg)	3,0	2,9	3,2	4,0	4,9	1,1
Communication Protocol	CAN					
IP Grade	> IPX6	IPX7				

System Components

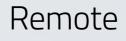
Displays



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

Charger

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





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





BDI 20

2.0" Color TFT

5V 1000mA (Output)





#WeAreTheMotor

SEG Automotive Germany GmbH

Lotterbergstraße 30 70499 Stuttgart Germany www.seg-automotive.com Contact: Tobias Lehmann Phone: +49 172 396 09 76 ebike-sales@seg-automotive.com

SEG Automotive Germany GmbH 2025. All rights reserved. Any disposal or exploitation - even in extracts - of this copyright-protected brochure and all texts, illustrations and design elements contained there in, in particular by means of reproduction, editing, distribution and any storage or processing in data systems or unlawful application for intellectual property rights, requires the prior written consent.

English Brochure — V250702