



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

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 BLM

TECHNICAL DATA

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





CUSTOMIZED SOLUTIONS

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/X5 by SEG

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 |
| 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 | | | | |

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 |

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 | 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

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