



Electric traction drive sets

There's no better way to cruise...

For all BRUSA drive train sets:
Special package price with best conditions!

Power Set 1: Compact class

100 kW / 220 Nm HSM traction drive

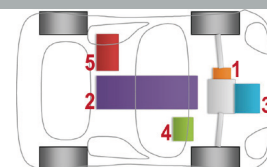


from 22'900.- €
per set

Hybrid Synchronous motor HSM1-6.17.12	100 kW
Inverter DMC524 for advanced safety requirements use the inverter safety unit --> ISU	100 kW
Power supply converter BSC624	3.5 kW
Onboard charger NLG513	3.7 kW
Power distribution unit PDU254	1 x 300 A

Available Set options (see overleaf):

- Gearbox GX629 ¹
- HV battery ²
- Range extender ³
- VCU bundle ⁴
- AC fast charger ⁵



Power Set 2: Mid class

105 kW / 275 Nm ASM traction drive

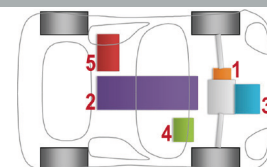


from 21'400.- €
per set

Asynchronous motor ASM1-6.17.12	105 kW
Inverter DMC534 for advanced safety requirements use the inverter safety unit --> ISU	150 kW
Power supply converter BSC624	3.5 kW
Onboard charger NLG513	3.7 kW
Power distribution unit PDU254	1 x 300 A

Available Set options (see overleaf):

- Gearbox GX629 ¹
- HV battery ²
- Range extender ³
- VCU bundle ⁴
- AC fast charger ⁵



Power Set 3: Mid class

150 kW / 300 Nm HSM traction drive

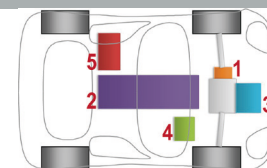


from 27'200.- €
per set

Hybrid Synchronous motor HSM1-10.18.13	150 kW
Inverter DMC534 for advanced safety requirements use the inverter safety unit --> ISU	150 kW
Power supply converter BSC624	3.5 kW
Onboard charger NLG513	3.7 kW
Power distribution unit PDU254	1 x 400 A

Available Set options (see overleaf):

- Gearbox GX629 ¹
- HV battery ²
- Range extender ³
- VCU bundle ⁴
- AC fast charger ⁵





Power Set 4: Sport class

360 kW / 2 x 380 Nm HSM traction drive

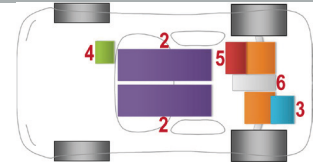


from 54'900.- €
per set

2 x Hybrid Synchronous motor HSM1-10.18.13	2 x 180 kW
2 x Inverter DMC544 for advanced safety requirements use the inverter safety unit --> ISU	2 x 200 kW
Power supply converter BSC624	3.5 kW
Onboard charger NLG513	3.7 kW
Power distribution unit PDU254	2 x 400 A

Available Set options (see below):

- HV battery ²
- Range extender ³
- VCU bundle ⁴
- AC fast charge ⁵
- Gearbox GD613 ⁶



Power Set 5: Lean class

51 kW / 120 Nm HSM traction drive

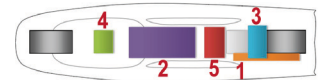


from 17'200.- €
per set




Hybrid Synchronous motor HSM1-10.18.04	50 kW
Inverter DMC514 for advanced safety requirements use the inverter safety unit --> ISU	50 kW
Onboard charger NLG513	3.7 kW
Power distribution unit PDU254	1 x 150 A

Available Set options (see below):

- Gearbox GX629 ¹
- HV battery ²
- Range extender ³
- VCU bundle ⁴
- AC fast charge ⁵
- BSC624



Set options:

1 Gearbox GX629 	Available gear ratio: 1:6.4, 1:8, 1:10.2 Maximum torque output: (depend on motor and gear ratio) up to 2560 Nm Weight (incl. motor): 77 – 79 kg	2 HV battery EVB1 	Capacity (350 V / 400 V): 14 kWh / 16 kWh Peak Power: 140 kW / 160 kW Weight: 130 kg / 145 kg
3 Range extender Set 	Mechanical Power: 26 kW Engine size (1 cylinder): 300 cc Weight (excl. inverter): 53 kg	4 VCU bundle 	SW code language: CoDeSys Pre-implemented components: DMC5, BSC6, NLG5, EVB1 Compatibility: Source code expandable by user
5 AC fast charger NLG6 	Maximum Power: 22 kW Weight: 12.5 kg Efficiency: > 94%	6 Gearbox GD613 	Available gear ratio: 1:5.5 Maximum torque output: (depend on motor and transmission) up to 2 x 2750 Nm Weight (incl. motor): 148 kg

Support packages / Engineering:

Package A	Telephone support contingent	4 hours total	Package B	Commissioning BRUSA drive train	1 day
Package C	Commissioning and failure analysis, test-drive, customer specific functions	3 days	Package D	VCU SW support and introduction on car (needs Set-Option 4)	1 day
Package E	VCU full software coding and complete car commissioning	ask for offer	Package F	Optimal electric car designing, dimensioning and engineering	ask for offer