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Your partner for
city, intercity
and **tourist** transport

SOR NS 12 electric
Electric city bus





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Electric City bus

A modern low-floor electric bus designed for emission-free city public transportation. Its adaptability for a variable layout of the seats in the interior enables this bus to be used in all urban agglomerations.

The unique design concept of technical aggregates contributes significantly to achieving its cost-effective operation.



	Depending on configuration	NS 12 electric
Dimensions	Length	12 000 mm
	Axle base	5 900 mm
	Width	2 550 mm
	Height	3 200 mm
Body	Number of doors	3
	Doors width	1 200 mm
	Get on height	340 mm
	Seats	City-monocoque
Weight	Max. techn. acceptable	20 000 kg
Capacity	Sitting *	29 – 35
Properties	Approach / departure angle	7° / 7°
	Bus maximum speed	80 km/h
Engine	Producer / Type	PRAGOIMEX a.s. / asynchronous, watercooling
	Max. actual engine power	160 kW
Front axle	Producer / Type	ZF Friedrichshafen AG / RL82 EC
Rear axle	Producer / Type	ZF Friedrichshafen AG / AV133, i=6,19
Wheels	Disc / Tires	Al 8,25 x 22,5 Ronal / 275/70 R 22,5"
Brakes	Producer	Knorr
EBS3	Producer	Wabco
Steering	Producer	Bosch
Electrical system	Producer	RAIL ELECTRONICS CZ s.r.o.
	Tr. batteries placement	In the area of the roof
Batteries – 24 V	Producer / Capacity	Varta / 225 Ah
Traction batteries – 600 V	Type / Capacity	Battery 18 650 NMC / 242 kWh (362 Ah) / 388 kWh (582 Ah)
Optional accessories	Air-conditioning	SOR / HVAC
	Information system	According to customer's specification

(* depending on configuration)

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