



SOR Libchavy spol. s r.o.
Dolní Libchavy 48 | 561 16 Libchavy | Czech Republic | phone: +420 465 519 411 | fax: +420 465 519 471 | e-mail: sor@sor.cz
www.sor.cz

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

SOR CNG 10,5 / CNG 12 / CNG 12,3
Intercity bus



SOR CNG 10,5 / CNG 12 / CNG 12,3

Intercity bus



A modern, environmentally-friendly, partly low-floor CNG powered bus designed for public transport in inter-city and suburban areas. The new technologies, high quality, reliability and unique design concepts of technical aggregates form the fundamental conditions for its cost-effective operation. Through its wide range of constructional variability and diverse equipment the customers are offered the best solution to meet their demands.

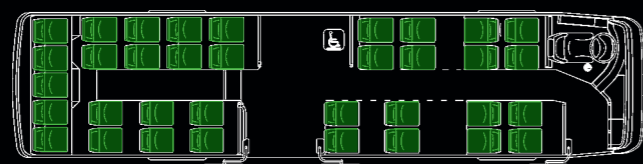
CNG



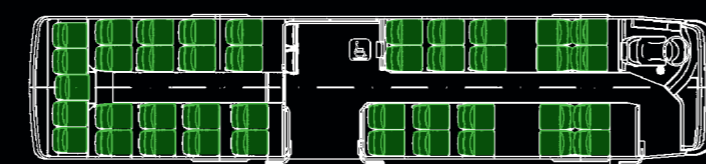
Parameters of the bus		CNG 10,5	CNG 12	CNG 12,3
Dimensions	Length	10 750 mm	11 790 mm	12 290 mm
	Axle base	5 600 mm	6 180 mm	6 680 mm
	Width		2 525 mm	
Body	Height		3 180 mm	
	Number of doors		2	
	Door width front / rear		800 / 1200 mm	
	Get on height		325 mm	
	Floor height front/ rear		360 / 800 mm	
	Seats		Intercity	
	Weight	Service*	9 050 – 9 850 kg	10 100 -- 10 750 kg
Capacity	Max. technically permissible	15 000 kg	16 500 kg	
	Sitting*	33 – 35	33 – 41	37 – 45
Properties	Turning radius- outline	10,7 m	11,1 m	11,6 m
	Approach / departure angle		9° / 9°	
	Bus maximum speed		100 km/h	
Engine	Producer / type	FPT / NEF6/Euro VI	FPT / CURSOR8/Euro VI	
	Max. actual engine power	150 kW / 2 700 rpm	213 kW / 2 000 rpm	
	Max. actual torque	750 Nm / 1 400 rpm	1 100 Nm / 1 100 rpm	
	Engine displacement	5 880 cm ³	7 800 cm ³	
Liquid tank	Gas tank		4 x 315 l	
Transmission	Producer / Type	ZF / 6S 1010 B0	ZF / 6S1311B0	
Retarder	Producer / Type	Voith / 123+	Integrated	
Front axle	Producer / Type		ZF / RL55EC	
Rear axle	Producer / Type	Dana / Pei 4100	Dana / G 150	
Wheels	Disc / Tire		7.50 x 19.5 / 285/70 R 19,5	
Brakes	Producer / Type		Knorr / SN 6	
EBS/ESC	Producer		Wabco	
Steering	Producer / Type		Bosch / 8098	
Independent heating	Producer / Type		Webasto / Thermo G300	
Wiring	Type		Can Bus SAE 3	
Batteries	Producer / Capacity	Varta / 170 Ah	Varta / 180 Ah	
Optional accessories	Air-conditioning*		Electric / Compressor	
	Information system		According to customer's specification	

(* depending on configuration)

CNG 10,5



CNG 12



CNG 12,3



Your partner for transport