



## E80 Electric Bus



### Alè E80 Electric bus

The **E80 Alè Electric Bus** is part of Rampini's electric bus range together with the **E120** and the **E60** Electric Buses. The **E80 Alè Electric**, after years of testing, was the first electric bus built by **Rampini**.

Since 2010, it has been sold in Italy and several European countries and has been continuously updated to respond to user needs.

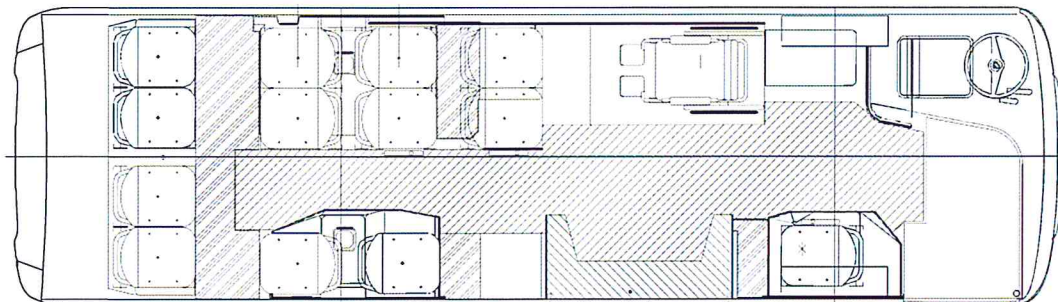
The **E80 Electric Bus** can carry 43 passengers with great handling and excellent autonomy. The bus's structure is self-supporting and not based on a commercial chassis. The entire electric drive system, which uses lithium ferrite cells, was entirely designed and produced by Rampini, along with the battery control, and the individual cells are monitored by a sophisticated management system (BMS), also produced by **Rampini**.

### Dimensions and weights

Length	7,790 mm
Width	2,200 mm.
Height	3,200 mm.
Front overhang	1,700 mm.
Rear overhang	2,415 mm.
Wheelbase	3,675 mm.
MTT turning radius	14,000 mm.
MTT	12,000 kg
Kneeling	80 mm.

### Places available with disabled

Seated	13
Standing	28
Disabled	1
Driver	1
Total memorandum	43







### Motor Brakes

Siemens 1PV5138 three-phase asynchronous  
Max power 122 kW

Regenerative braking systems ABS, ASR, EBS (ESC)

### Performance

Maximum speed >55 km,

### Autonomy (urban cycle)

about 120 m

Fast- charging possible

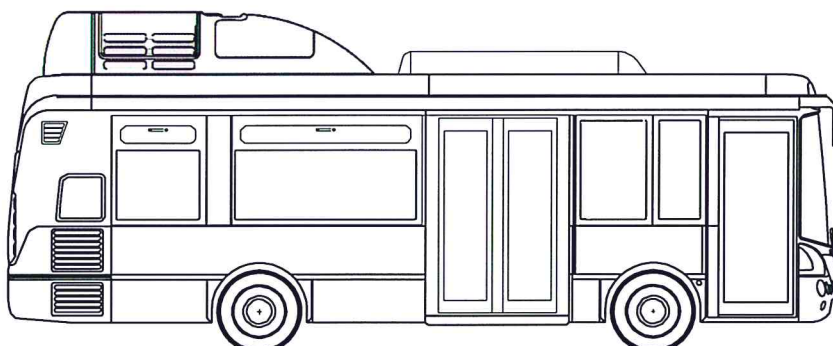
### Electric drive system 187

Lithium-ferrite cells, 3.2 V, 300 Ah, 180 kWh, Rampini BMS, with active balancing system and automatic heating

### Climate control

Air-conditioned driver compartment 1.6 kW,

Air-conditioned passenger compartment 7 kW, optional as an alternative to the ventilation hatch



### Suspensions Electrical system

Pneumatic with electronically controlled levelling (ECAS)

Multiplex Can Bus TEQ

### Door

2 door the pivoting-sliding requirement with pneumatic actuators, Front and rear 630-mm single-leaf, Centre 1100-mm double-leaf with anti-crushing safety system

### Axles

Front axle with independent ZF wheels, Rampini rear axle

### our electric bus range

