



***E80 Electric***



The **E80 Electric** is part of the Rampini electric bus line with the E60 Electric.

The **E80 Electric** was the **first electric bus built by Rampini**. After years of testing, it has been on the market **since 2010, both in Italy and in many European countries**, and has been continuously updated since then to meet the needs of users.

The 8 meters bus can transport up to **48 passengers** with handling and excellent autonomy.



The structure of the bus is self-supporting and not derived from a commercial chassis.

The whole **electric traction system**, which uses lithium ferrite cells, is entirely designed and built by Rampini, together with the battery control and monitoring of the individual cells, which is provided by a sophisticated management system (BMS), also built by the company.

## Sizes and weights

Lenght	7.790 mm
Width	2.200 mm
Height	3.250 mm
Front Overhang	1.700 mm
Rear Overhang	2.415 mm
Wheelbase	3.675 mm
Turning circle diameter	14.600 mm
Rear axle permissible weight	8.000 kg
Front axle permissible weight	4.200 kg
Total gross mass	12.000 kg
Kneeling	80 mm

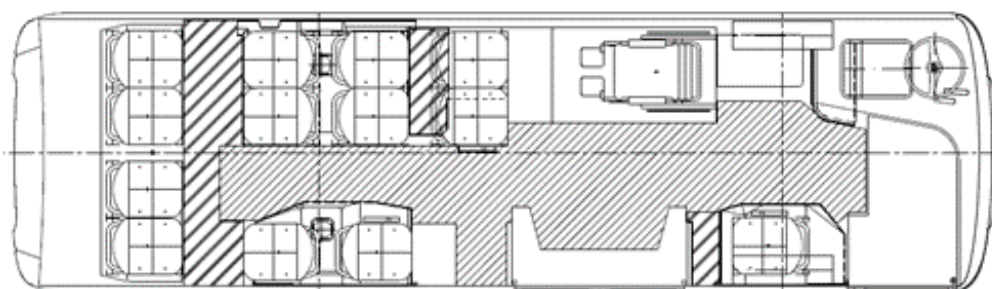
## Seats

### 2 Doors

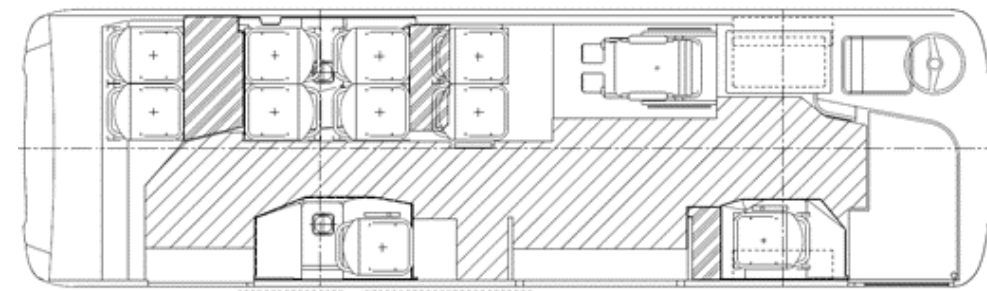
Seated	13	13
Standing	30	34
Disabled	1	0
Driver	1	1
TOTAL	45	48

### 3 Doors

Seated	10	10
Standing	31	35
Disabled	1	0
Driver	1	1
TOTAL	43	46



2 doors



3 doors



**Motor**

Siemens 1PV5138, Three-phase asynchronous,  
Max. power 122 kW

**Performance**

Max Speed > 63 km/h

**Electric traction system**

200 kWh,  
Rampini BMS, with active balancing and automatic  
heating system

**Brakes**

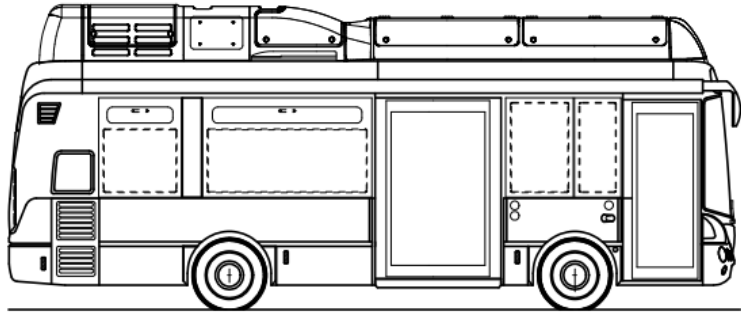
Regenerative braking system, ABS, ASR, EBS (ESC)

**Autonomy**

E-SORT 1 Certification

**Air Conditioning**

Driver area air conditioning  
Passenger area air conditioning

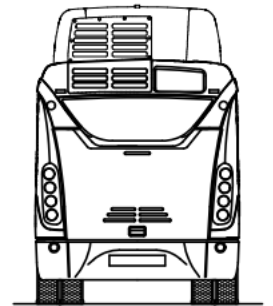
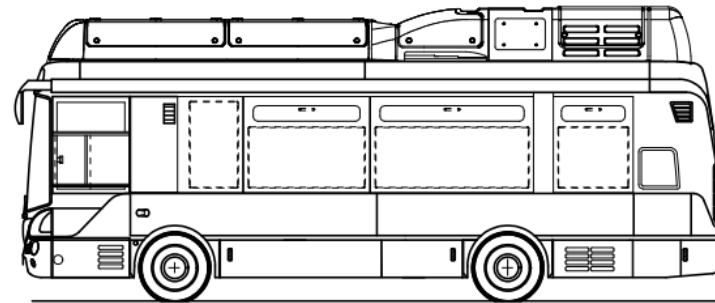


**Pneumatic Suspension**  
with electronic ride control (ECAS)

**Doors**  
2 or 3 rotating or sliding doors with pneumatic actuators  
and anti-crushing system

**Electric System**  
Multiplex Can Bus TEQ

**Axles**  
ZF independent front axle  
Rampini rear axle





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