

# EV350

A Purpose-Built Low Floor Bus  
Zero-Emissions 40' (12.2 m)



## PURPOSE BUILT



**RANGE**  
341.1 KILOMETERS



**BATTERY SIZE**  
400 KWH



**CHARGING**  
CCS-1, 148 KW DCFC  
WIRELESS, 148 KW DCFC



**SEATING CAPACITY**  
40 SEATED MAXIMUM  
2 WHEELCHAIRS  
25 STANDEES



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# TECHNICAL DATA

## CLASSIFICATION

Heavy-duty class 8

## GVWR

21,500 kilograms

## PAYLOAD CAPACITY \*

6,331.6 kilograms

## AXLE WEIGHT LOAD RATING

Front: 8,500 kg, Rear: 13,000 kg

## LENGTH

12.2 meters ④

## WHEELBASE

646 cm ⑥

## OVERHANG

275 (front), 307 (rear) cm ⑤

## APPROACH & DEPARTURE ANGLES

7.8 (front), 8.4 degrees (rear)

## WIDTH

255 cm ②

## HEIGHT \*

320 cm ①

## HEIGHT AT INTERIOR DECKS

254 cm (lower), 185-203 cm (upper)

## TIRES

305 / 70R / 22.5 (qty. 6)

## TURNING RADIUS

13.19 meters (outside body)

## PASSENGER DOOR

Two electric, 120 wide, 112 cm opening

## EMERGENCY EXITS

Hatch, window, door

## WHEELCHAIR RAMP

Fold-out

## HVAC

119,425 BTU/h, front, rear, electric

## ECU COMMUNICATION

CAN BUS, J1939

## MULTIPLEX SYSTEM

I/O CONTROLS

# EV350

## SEATING CONFIGURATION \*

Upper deck: 29 FF seating, 7 rows ③  
Lower deck: 10 perimeter, 7-fold-up, 2 ADA

## MAX SEATING CAPACITY (w/driver)

40 seating, 25 standees, 2 ADA+33 seats

## BATTERY PACK QUANTITY

16 Battery Packs

## BATTERY

Voltage: 620 V, Chemistry: LiFePo4

## BATTERY CAPACITY

400 kWh

## RANGE \*

341.1 kilometers

## FUEL ECONOMY \*

7.6 kpl, 1.18 kWh/km, 0.85 km/kWh

## TOP SPEED

109.4 KPH

## MOTOR POWER

350 kW max

## TRANSMISSION

Direct Drive, No Transmission

## BRAKES

Disc

## FRAME / BODY / ROOF

Steel, Monocoque

## DESIGN LIFE

10 years

## LCFS EER VALUE \*

HDV, 5.0 EER, 1 credit every 740 kWh

## CHARGING \* (DC)

DCFC, CCS-1

148 kW, 2.75 hrs

## WIRELESS DC \* (option)

148 kW, 2.75 hrs

## VEHICLE VOUCHER REBATES \*

E-mail: grants@greenpowermotor.com

## BUY AMERICA \*

\* Specification can vary

By region, application, availability

# LAYOUT DIMENSIONS & SEATING

