



**NEOPLAN Electric Trolley Bus**

## Principal Dimensions:

Overall Length	40'
Overall Width	102"
Height of Main Roof Line	115"
Height with Roof HVAC (w/poles in parked position)	141.73"
Wheel Base	280"
Overhang: Front	85.75"
Overhang: Rear	113.5"
Inside Height: Minimum	78"
Inside Height: Maximum	97"
Passenger Step Height, Front	14.5"
Kneels to	12"
Passenger Step Height, Rear	15"
Approach Angle	8.5°
Breakover Angle	9°
Departure Angle	8.5°
Gross Vehicle Weight Rating	43,400 lbs.
Gross Axle Weight Rating:	
Front Axle Weight	15,650 lbs.
Drive Axle Weight	27,750 lbs.
Turning Radius	43'

## Outstanding Features:

- ★ Pollution Free – All Electric Vehicle
- ★ Incorporates all NEOPLAN's durable transit bus features and all state-of-the-art transit equipment
- ★ Seating arrangement to customer's specifications.
- ★ Front door wheelchair ramp
- ★ One (1) door streetside, (2) door curbside per customer specifications
- ★ Full compliance with ADA
- ★ Fun, carefree way to commute



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## Construction

Self-supporting, integral steel construction made of stainless steel electrically welded. Roof and sidewall panels are stainless steel, attached to skeleton with a combination of spot welding and bonding.

## Seating Accommodations

Seating accommodations for up to 33 passengers, plus standees. Customized transit seating styles available. Fully ADA compliant.

## Propulsion Electric Motor

Skoda 7 ML 3550 K/4 Traction Motor.

## Axles

Front: ZF Dropped Solid  
Drive: ZF Inverted Portal

## Brakes

Knorr Disc Brakes  
Meritor Wabco ABS system standard  
Regenerative Braking

## Tires and Wheels

Low Profile tires. Brand options available. Aluminum and steel wheels available in a variety of finishes.

## Electrical Equipment

Multiplexing System standard. 12/24 volt system with two 8D or 4 group 31 batteries. Front control box is serviceable from exterior; Rear control box is located in the rear passenger compartment. Color and number coded SAE cross-link polyethylene wire harnesses. Resettable circuit breakers with printed circuit board and relays.

High and low voltage system.

Exterior lights include 12 volt dual rectangular (sealed beam) headlamps and LED exterior lights.

## Heating, Ventilation & Air Conditioning

Powerful HVAC unit includes the high capacity Thermo King roof mounted unit. Over-head forced air and 600 volt heat.

All Thermo King HVAC functions are controlled by Intelligaire microprocessor.

## Windows

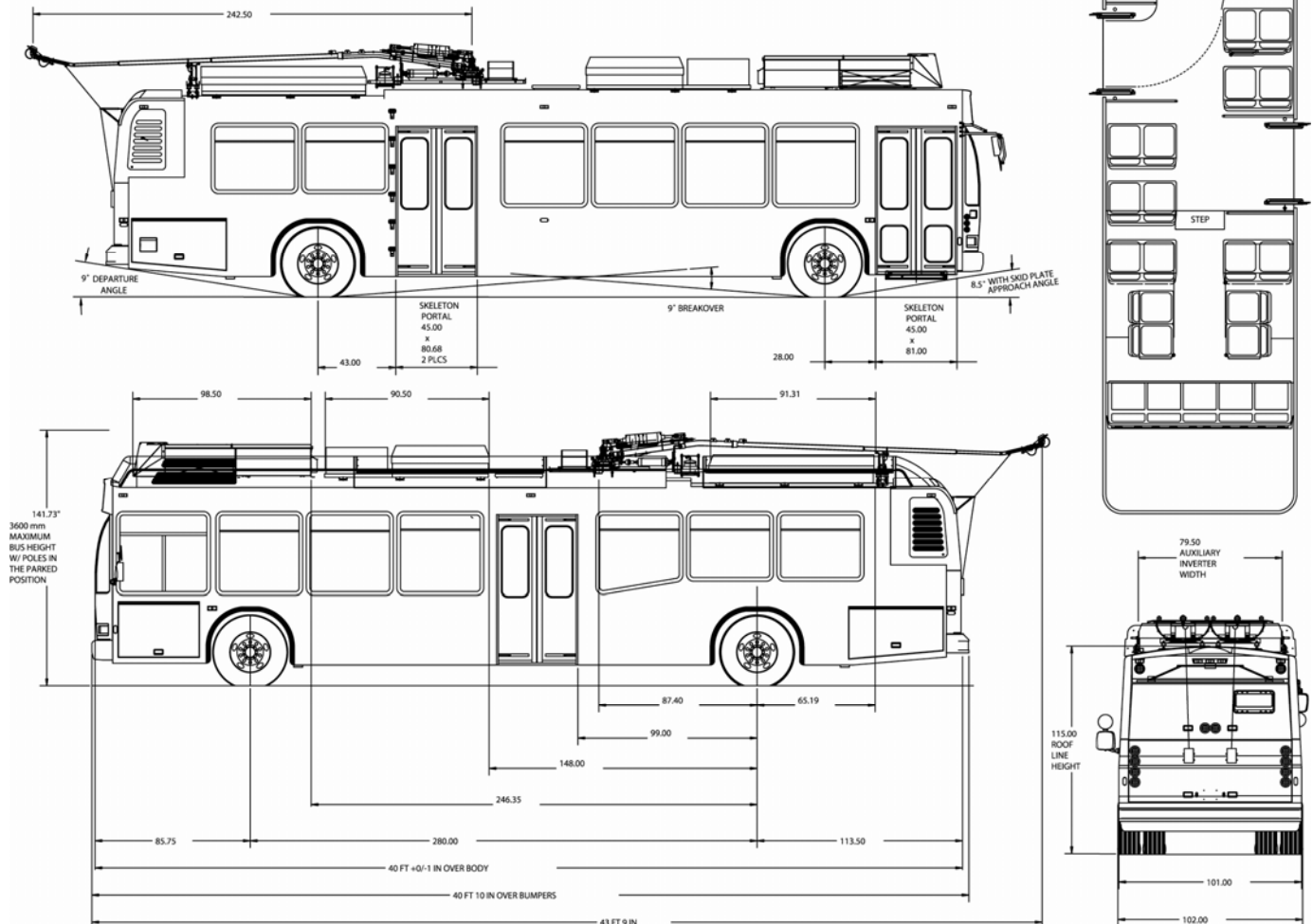
The upper portion of the two-section curved windshield is tinted with sunguard. Windshields are specially curved to eliminate sun glare and reflection. Passenger windows have tiltable upper transom and standard glazing (1/4" tempered safety glass); sliders or solid pane (laminated safety glass or acrylic) and sacrificial panels optional.

## Safety Equipment

Energy absorbing bumpers on front and rear  
Roof Hatch  
Ten-pound, Dry-type fire extinguisher  
Isolation Monitoring System

## Optional Equipment

- Voice / Stop Annunciation System
- Vehicle Location System
- Video Surveillance System
- Auxiliary Heating System
- Advanced Anti-Corrosion Coating
- Kneeling Feature
- Stainless Steel Structure



All design and dimensional data represented in this preliminary document is subject to change and should be considered as a recommendation only, not a guarantee.