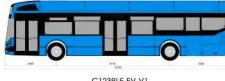




C133RLE-EV-V0 12.975 S.W.B Double doors Height = 3200





C123RLE-EV-V1 12.175 S.W.B Double doors Height = 3200



C123RLE-EV-V1 12.175 S.W.B Single door Height = 3200

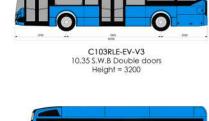


C103RLE-EV-V8

10.8 S.W.B Double doors Height = 3200















## Item Technical Specifications Outline specifications Length - 9715mm x Height - 3200mm x Width - 2500 mm

Single Deck

**Electric Matrix** 

Electrical motor			
Electrical motor	EPT 402 (1 motor)		Two Door Body Configuration with Inward Glider and Sliding Plug Type Doors.
	Output, max (kW): R85 max 200		Seating Capacity – 23 seated passengers – CRIB 7 compliance.
	Max torque (Nm): 425		Telescopic powered Ramp located at the centre exit door.
	Maximum wheel torque: 19000		Adjustable Driver's Seat with lumber support.
Transmission and axles	Gearbox : Volvo 2-speed Automated Manual Transmission		Electrically operated heating system configuration, Manual control for the Driver's Cab /
	Front axle : Volvo RFS-L		Automatic control for passenger saloon.
	Rear axle : ZF AV133		Cooling system for the driver's cab.
Energy storage system	Lithium-ion battery		Front, side and rear White LED High resolution destination panels.
	Automatic temperature controlling of batteries		Driver cab Fully sealed Forward and cab door Screen with Intercom system.
ESS (Energy Storage	Available storage energy (capacity per battery)		LED full-length Interior Lighting in the Passenger Saloon with Auto dimming function.
System)	94 kWh		USB Power Sockets fitted to seating area.
Available storage energy	376 kWh		Complete LED Exterior Lighting with day time running lights.
(4 batteries)			Wireless Stop Request Buttons.
Battery chemistry type	Lithium-ion, NCA		Drivers cab area fitted with front and side manual operated Sunblind's, drivers storage
Energy density (Wh/kg)	159 Wh/kg (incl. brackets)		area, driver's footrest trimmed in matching flooring, driver's coat hook and retaining strap.
Voltage	600 V		Fire suppression system complying with Reg 107.
Charging system			Assault Alarm.
CCS2 DC	Industry standard solution		Broadband Reverse Alarm.
	Maximum charge power 150 kW		Reverse parking sensors.
	Rear right or rear left charging		Induction Loop System for hearing impaired passengers.
OppCharge (optional)	Industry standard solution		Camera Mirror System.
	Maximum charge power 300 kW	Safety Features	
Tyres and rims	Steel and aluminium rims available	Intelligent Speed	System is an aid to the driver to keep within the speed limit.
Air and brake system	Volvo disc brakes	Assistance (ISA)	
	Electronic Braking System (EBS 5)	Runaway bus	System will automatically stop the bus from moving from a stationary position in the event
	Anti-lock Braking System (ABS)	Prevention (RbP)	that a driver has left the driving seat without applying the park brake.
	Anti-lock Braking System (ABS)  Acceleration Slip Regulation (ASR)	Prevention (RbP) The Safe Assist	that a driver has left the driving seat without applying the park brake.  Acoustic Vehicle Alerting System (AVAS)
	Acceleration Slip Regulation (ASR)		Acoustic Vehicle Alerting System (AVAS)
	Acceleration Slip Regulation (ASR) Brake Blending	The Safe Assist	
	Acceleration Slip Regulation (ASR)  Brake Blending  Brake temperature warning	The Safe Assist Module (SAM)	Acoustic Vehicle Alerting System (AVAS) Vehicle Multi-Messaging System (VMMS)
	Acceleration Slip Regulation (ASR) Brake Blending	The Safe Assist Module (SAM) consists of	Acoustic Vehicle Alerting System (AVAS)  Vehicle Multi-Messaging System (VMMS)  Fire Suppression Messaging System
	Acceleration Slip Regulation (ASR)  Brake Blending  Brake temperature warning  Poor brake performance warning	The Safe Assist Module (SAM) consists of	Acoustic Vehicle Alerting System (AVAS)  Vehicle Multi-Messaging System (VMMS)  Fire Suppression Messaging System  Enhanced design with minimum bus front end geometry.  Front-end crash frame protection for driver's cab area
	Acceleration Slip Regulation (ASR) Brake Blending Brake temperature warning Poor brake performance warning Door brake Kneel Brake	The Safe Assist Module (SAM) consists of	Acoustic Vehicle Alerting System (AVAS)  Vehicle Multi-Messaging System (VMMS)  Fire Suppression Messaging System  Enhanced design with minimum bus front end geometry.
	Acceleration Slip Regulation (ASR)  Brake Blending  Brake temperature warning  Poor brake performance warning  Door brake  Kneel Brake  Emergency Brake Assistant	The Safe Assist Module (SAM) consists of	Acoustic Vehicle Alerting System (AVAS)  Vehicle Multi-Messaging System (VMMS)  Fire Suppression Messaging System  Enhanced design with minimum bus front end geometry.  Front-end crash frame protection for driver's cab area  Top mounted wipers  Corner lights
	Acceleration Slip Regulation (ASR)  Brake Blending  Brake temperature warning  Poor brake performance warning  Door brake  Kneel Brake  Emergency Brake Assistant  Lining wear sensing and analysis	The Safe Assist Module (SAM) consists of Impact protection	Acoustic Vehicle Alerting System (AVAS)  Vehicle Multi-Messaging System (VMMS)  Fire Suppression Messaging System  Enhanced design with minimum bus front end geometry.  Front-end crash frame protection for driver's cab area  Top mounted wipers
	Acceleration Slip Regulation (ASR)  Brake Blending  Brake temperature warning  Poor brake performance warning  Door brake  Kneel Brake  Emergency Brake Assistant  Lining wear sensing and analysis  Automatic calibration after brake pad change	The Safe Assist Module (SAM) consists of Impact protection  Sustainability	Acoustic Vehicle Alerting System (AVAS)  Vehicle Multi-Messaging System (VMMS)  Fire Suppression Messaging System  Enhanced design with minimum bus front end geometry.  Front-end crash frame protection for driver's cab area  Top mounted wipers  Corner lights  Improved driver's visibility
	Acceleration Slip Regulation (ASR)  Brake Blending  Brake temperature warning  Poor brake performance warning  Door brake  Kneel Brake  Emergency Brake Assistant  Lining wear sensing and analysis	The Safe Assist Module (SAM) consists of Impact protection	Acoustic Vehicle Alerting System (AVAS)  Vehicle Multi-Messaging System (VMMS)  Fire Suppression Messaging System  Enhanced design with minimum bus front end geometry.  Front-end crash frame protection for driver's cab area  Top mounted wipers  Corner lights  Improved driver's visibility  Low Volatile Organic Components (VOC) paint system.
	Acceleration Slip Regulation (ASR)  Brake Blending  Brake temperature warning  Poor brake performance warning  Door brake  Kneel Brake  Emergency Brake Assistant  Lining wear sensing and analysis  Automatic calibration after brake pad change	The Safe Assist Module (SAM) consists of Impact protection  Sustainability	Acoustic Vehicle Alerting System (AVAS)  Vehicle Multi-Messaging System (VMMS)  Fire Suppression Messaging System  Enhanced design with minimum bus front end geometry.  Front-end crash frame protection for driver's cab area  Top mounted wipers  Corner lights  Improved driver's visibility  Low Volatile Organic Components (VOC) paint system.  Composite honeycomb flooring - Alucore.
	Acceleration Slip Regulation (ASR)  Brake Blending  Brake temperature warning  Poor brake performance warning  Door brake  Kneel Brake  Emergency Brake Assistant  Lining wear sensing and analysis  Automatic calibration after brake pad change	The Safe Assist Module (SAM) consists of Impact protection  Sustainability	Acoustic Vehicle Alerting System (AVAS)  Vehicle Multi-Messaging System (VMMS)  Fire Suppression Messaging System  Enhanced design with minimum bus front end geometry.  Front-end crash frame protection for driver's cab area  Top mounted wipers  Corner lights  Improved driver's visibility  Low Volatile Organic Components (VOC) paint system.  Composite honeycomb flooring - Alucore.  Lightweight Interior panelling.
	Acceleration Slip Regulation (ASR)  Brake Blending  Brake temperature warning  Poor brake performance warning  Door brake  Kneel Brake  Emergency Brake Assistant  Lining wear sensing and analysis  Automatic calibration after brake pad change	The Safe Assist Module (SAM) consists of Impact protection  Sustainability	Acoustic Vehicle Alerting System (AVAS)  Vehicle Multi-Messaging System (VMMS)  Fire Suppression Messaging System  Enhanced design with minimum bus front end geometry.  Front-end crash frame protection for driver's cab area  Top mounted wipers  Corner lights  Improved driver's visibility  Low Volatile Organic Components (VOC) paint system.  Composite honeycomb flooring - Alucore.
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	Acceleration Slip Regulation (ASR)  Brake Blending  Brake temperature warning  Poor brake performance warning  Door brake  Kneel Brake  Emergency Brake Assistant  Lining wear sensing and analysis  Automatic calibration after brake pad change  Volvo Electronic Stability Program (ESP)	The Safe Assist Module (SAM) consists of Impact protection  Sustainability Highlights	Acoustic Vehicle Alerting System (AVAS)  Vehicle Multi-Messaging System (VMMS)  Fire Suppression Messaging System  Enhanced design with minimum bus front end geometry.  Front-end crash frame protection for driver's cab area  Top mounted wipers  Corner lights  Improved driver's visibility  Low Volatile Organic Components (VOC) paint system.  Composite honeycomb flooring - Alucore.  Lightweight Interior panelling.  Increased usage of recyclable materials.
	Acceleration Slip Regulation (ASR)  Brake Blending  Brake temperature warning  Poor brake performance warning  Door brake  Kneel Brake  Emergency Brake Assistant  Lining wear sensing and analysis  Automatic calibration after brake pad change	The Safe Assist Module (SAM) consists of Impact protection  Sustainability Highlights	Acoustic Vehicle Alerting System (AVAS)  Vehicle Multi-Messaging System (VMMS)  Fire Suppression Messaging System  Enhanced design with minimum bus front end geometry.  Front-end crash frame protection for driver's cab area  Top mounted wipers  Corner lights  Improved driver's visibility  Low Volatile Organic Components (VOC) paint system.  Composite honeycomb flooring - Alucore.  Lightweight Interior panelling.  Increased usage of recyclable materials.

