



PASSENGER ELECTRIC MINIBUS



Green Way City Bus

FOSSIL FUEL - FREE FUTURE

*Latvia, Riga
2023*

Electrify, SIA

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Riga, LV-1013, Latvia
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Code: PARXLV22
Account: LV42PARX0022775290001



TÜVRheinland®
LRTDEA

ISO 9001:2015
ID 10.16-191.1

ISO 14001:2015
ID 10.16-191.2

ISO 45001:2018
ID 10.16-191.3

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Technical specification

TECHNICAL SPECIFICATION	
Manufacturer	Electrify
Minibus platform	Mercedes-Benz
Minibus platform model	eSprinter
Manufacturer's web page	www.electricbus.lv
Manufacturer's Certificate of Origin (MCO)	Latvia
Manufactured in EU ¹ member state country	Yes
Length (mm)	7367
Width (mm)	2020
Height (mm)	3100
Vehicle category	M3
Vehicle Class	1
Gross weight (kg)	5000-5500
Passenger capacity	
Seat places	13 + 3 foldable
Standing places	5
Disable passenger places	1
Total passenger capacity	21
Certification and licenses	
ISO 9001	Yes
ISO 14001	Yes
ISO 45001	Yes
Vehicle sales license issued in and by EU state country	Yes
Compliance with standards	
The European regulations in force at the date of supply will be complied with. Among others, Regulation (EU) 2018/858 of the European Parliament and of the Council, of May 30, 2018, on the approval and market surveillance of motor vehicles and their trailers and of the systems, components and independent technical units intended for said vehicles, which amends Regulations (EC) No. 715/2007 and (EC) No. 595/2009 and repeals Directive 2007/46/EC	Yes

¹ EU – European Union

TECHNICAL SPECIFICATION	
Compliance with Regulation No. 100 of the United Nations Economic Commission for Europe (UNECE/UN) - Uniform provisions regarding the homologation of vehicles in relation to the specific requirements of the electric powertrain [2015/505]	Yes
Motor	
Motor type	Electric permanent magnet AC synchronous motor
Power (kW)	85
Total electric torque (Nm)	295
Motor location	Front axle, transverse
System power	116 Hp @ 9001 rpm.
System torque	295 Nm @ 203 rpm.
Number of electric motors	1
Range (WLTP)	250 km
Safety systems	
ESP system	Mercedes Benz
Active brake assist	Mercedes Benz
Line keeping assist	Mercedes Benz
Telematics	Remote monitoring system
Recuperation	Yes
Cross wind assist	Mercedes Benz
Other technical criteria	
Drive wheels - Traction - Drivetrain	FWD
Top Speed (Km/h)	100
Front Brakes	Vented Discs
Rear Brakes	Discs
Air conditioner (Refrigeration system)	10-13kw
Passengers entrance/ exit door	Front
Low floor entrance	Yes
Disabled passenger ramp	Yes
Turning circle (m) from wall to wall	17,5 m
Bus body parts material	Metal
Interactivity and connectivity	
Interactive display	Yes
Announcement sound system	Yes
Interior STOP singe (lighted)	Yes
Wi-Fi	Optional

TECHNICAL SPECIFICATION	
	(Upon request)
Battery and charging	
Battery Type	Lithium-ion
AC Charging Time 0%-100% (hh:mm)	14:12
Fast Charging Time DC 80 kw (20-80%) (hh:mm)	00:45
Fast charge current	80 kW DC kW
Charging power	AC 7.4 kW; DC 80kW
Battery capacity total	110kWh
Battery capacity usable	94 kWh
Warranty	5-year/ 160 000km
Estimated life cycles	After 1600 charging cycles remaining battery capacity 85%.
Software	
Mercedes	Yes
After Sales	
Service center	Closest Mercedes Benz dealer
Delivery time	
Months	6-12
Warranty	
Standard (months)	24
Extended (months)	60

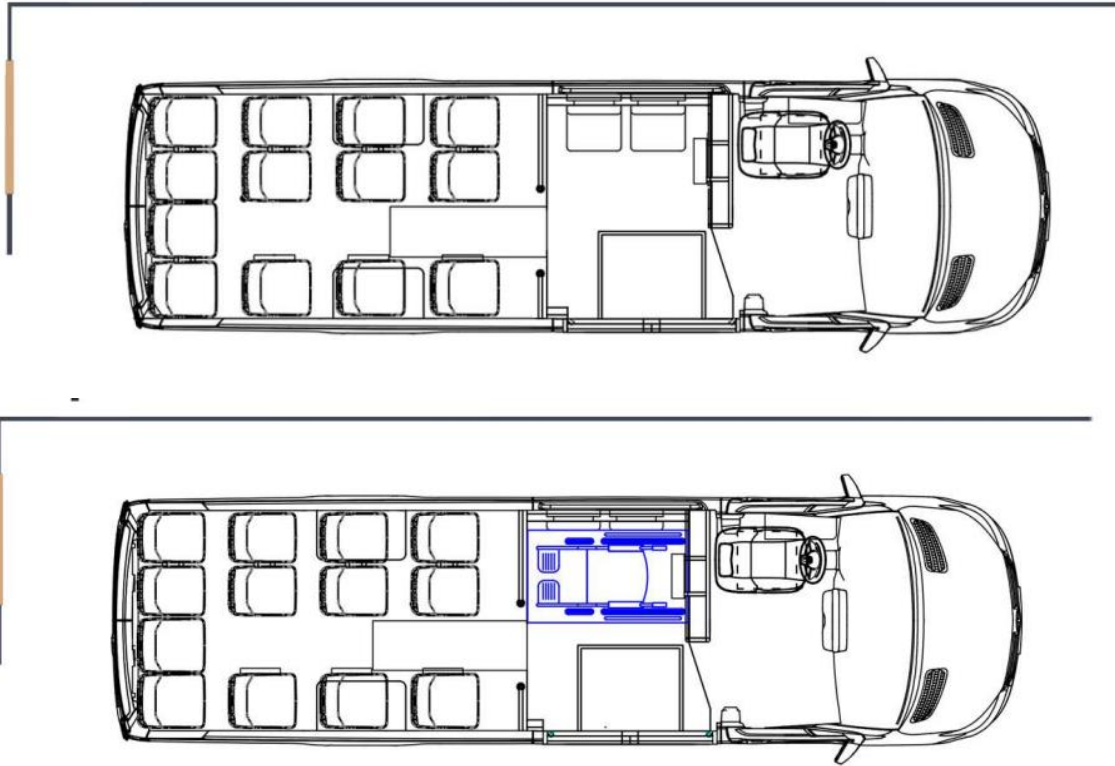
Drawings

DRAWINGS

INTERCITY BUS

Passengers entrance/ exit door - only FRONT door

Disabled passenger ramp - Yes



Pictures

PICTURES

Exterior



PICTURES

Exterior



PICTURES

Interior



PICTURES

Interior



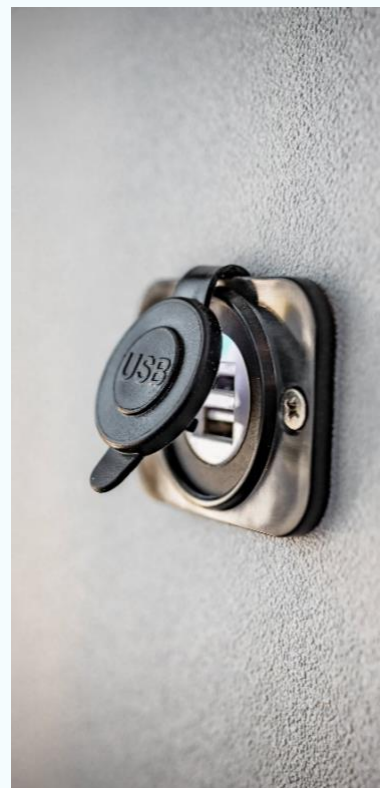
PICTURES

Interior



PICTURES

Interior



Video

Video

Electrify passenger minibuses which were delivered to client - [Ventspils reiss](#) (Latvia, 2020 - 2022)



The video player shows a scene with several blue and white electric minibuses parked at a charging station. The text "Night-charging using AC CHARGING" is overlaid on the video. The video player interface includes a search bar, a "Picture in picture" button, and a progress bar.

ELECTRIFY REV2

Nerindots

 **Renārs**
123 abonenti

Abonēt

 Kopīgošana

 Lejupielādēt



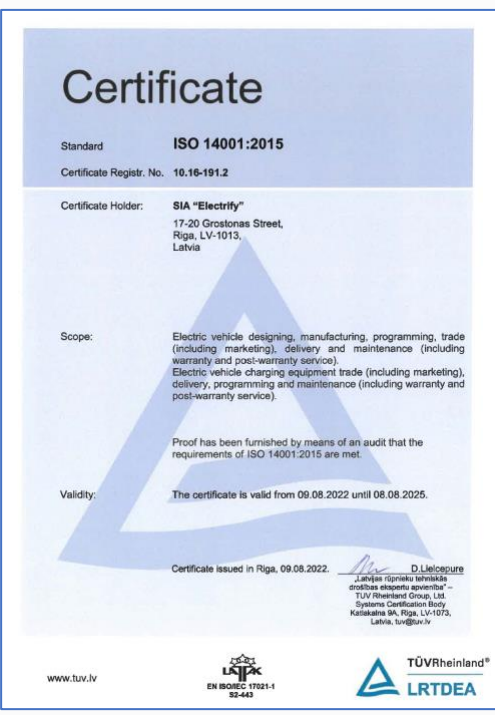
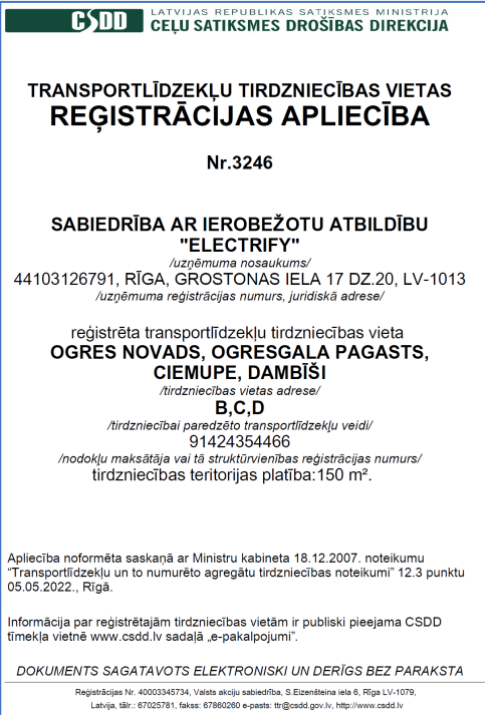
<https://youtu.be/CGSAFRNaSBo>

About Company

ABOUT US	
Main Information	
Full name	Electrify, SIA ²
State of origin	Latvia (member state of European Union)
Legal address	17 – 20 Grostonas, Riga, LV-1013, Latvia
Registration number	44103126791
VAT number	LV44103126791
Established	2019
Web page	www.electricbus.lv
Phone number	(+371) 26 567 650
Email	info@electricbus.lv (general); bid@electricbus.lv (for bids)
Main profile:	Electrify is full-service company providing electric mobility for public transport. Electrify specializes in retrofitting medium-sized electric buses, electric vans and electric minibuses in Europe. We do retrofit from A to Z: design, manufacturing, certification according to requirements and the whole adaptation of charging infrastructure.
History	Electrify has been established in 2019, since then Electrify manufactured and delivered more than 20 electric passenger minibuses to European clients.
Engineers and constructors	Electrify specialists, before they joined to Electrify team and started to build electric passenger minibuses, were leading engineers and constructors of electric and hybrid racing cars in Dakar Rally raid (2012, South America, distance: 9,237.00 km) with electric OSCar rally car and in Pikes Peak International Hill Climb race (2013-2016, North America) with electric PP100 race car (awarded with 3rd place). Dakar Rally raid race  Electric rally car OSCar constructed by Electrify engineers' team under eO Drive. Pikes Peak International Hill Climb race  Electric race car PP100 (awarded with 3rd place) constructed by Electrify engineers' team under eO Drive.

²SIA - Ltd (Limited liability company).

Certificates

CERTIFICATES	
ISO 9001:2015 (Quality)	ISO 45001:2018 (Health & Safety)
 Certificate Standard ISO 9001:2015 Certificate Registr. No. 10.16-191.1 Certificate Holder: SIA "Electrify" 17-20 Grostonas Street, Riga, LV-1013, Latvia Scope: Electric vehicle designing, manufacturing, programming, trade (including marketing), delivery and maintenance (including warranty and post-warranty service). Electric vehicle charging equipment trade (including marketing), delivery, programming and maintenance (including warranty and post-warranty service). Proof has been furnished by means of an audit that the requirements of ISO 9001:2015 are met. Validity: The certificate is valid from 09.08.2022 until 08.08.2025. Certificate issued in Riga, 09.08.2022. <i>D. Liepore</i> Latvian Republic Technical Accreditation Agency – TÜV Rheinland Group, Ltd. Systems Certification Body Kalkatava 9A, Riga, LV-1073, Latvia, lv@tuv.lv www.tuv.lv EN ISO/IEC 17021-1 52-443 TÜVRheinland® LRTDEA	 Certificate Standard ISO 45001:2018 Certificate Registr. No. 10.16-191.3 Certificate Holder: SIA "Electrify" 17-20 Grostonas Street, Riga, LV-1013, Latvia Scope: Electric vehicle designing, manufacturing, programming, trade (including marketing), delivery and maintenance (including warranty and post-warranty service). Electric vehicle charging equipment trade (including marketing), delivery, programming and maintenance (including warranty and post-warranty service). Proof has been furnished by means of an audit that the requirements of ISO 45001:2018 are met. Validity: The certificate is valid from 09.08.2022 until 08.08.2025. Certificate issued in Riga, 09.08.2022. <i>D. Liepore</i> Latvian Republic Technical Accreditation Agency – TÜV Rheinland Group, Ltd. Systems Certification Body Kalkatava 9A, Riga, LV-1073, Latvia, lv@tuv.lv www.tuv.lv EN ISO/IEC 17021-1 52-443 TÜVRheinland® LRTDEA
ISO 14001:2015 (Environment)	Vehicle trading licence (issued in EU member state)
 Certificate Standard ISO 14001:2015 Certificate Registr. No. 10.16-191.2 Certificate Holder: SIA "Electrify" 17-20 Grostonas Street, Riga, LV-1013, Latvia Scope: Electric vehicle designing, manufacturing, programming, trade (including marketing), delivery and maintenance (including warranty and post-warranty service). Electric vehicle charging equipment trade (including marketing), delivery, programming and maintenance (including warranty and post-warranty service). Proof has been furnished by means of an audit that the requirements of ISO 14001:2015 are met. Validity: The certificate is valid from 09.08.2022 until 08.08.2025. Certificate issued in Riga, 09.08.2022. <i>D. Liepore</i> Latvian Republic Technical Accreditation Agency – TÜV Rheinland Group, Ltd. Systems Certification Body Kalkatava 9A, Riga, LV-1073, Latvia, lv@tuv.lv www.tuv.lv EN ISO/IEC 17021-1 52-443 TÜVRheinland® LRTDEA	 CSDD LATVIJAS REPUBLIKAS SATIKSMES MINISTRIJA CEĻU SATIKSMES DROŠĪBAS DIREKCIJA TRANSPORTLĪDZEKĻU TIRDZNICĪBAS VIETAS REĢISTRĀCIJAS APLIECĪBA Nr.3246 SABIEDRĪBA AR IEROBEŽOTU ATBILDĪBU "ELECTRIFY" /uzņēmuma nosaukums/ 44103126791, RĪGA, GROSTONAS IELA 17 DZ.20, LV-1013 /uzņēmuma reģistrācijas numurs, juridiskā adrese/ reģistrēta transportlīdzekļu tirdzniecības vieta OGRES NOVADS, OGRESGALA PAGASTS, CIEMUPE, DAMBIŠI /tirdzniecības vietas adrese/ B,C,D /tirdzniecībai paredzēto transportlīdzekļu veidi/ 91424354466 /nodokļu maksātāja vai tā struktūrvienības reģistrācijas numurs/ tirdzniecības teritorijas platība:150 m². Apliecība noformēta saskaņā ar Ministru kabineta 18.12.2007. noteikumu "Transportlīdzekļu un to numurēto agregātu tirdzniecības noteikumi" 12.3 punktu 05.05.2022., Rīgā. Informācija par reģistrētajām tirdzniecības vietām ir publiski pieejama CSDD tīmekļa vietnē www.csdd.lv sadaļā „e-pakalpojumi”. DOKUMENTS SAGATAVOTS ELEKTRONISKI UN DERĪGS BEZ PARAKSTA Reģistrācijas Nr.: 40003345734, Valsts akciju sabiedrība, S.Elizieteina iela 6, Rīga LV-1079, Latvija, tālr.: 671025781, fakss: 67860280 e-pests: tr@csdd.gov.lv, http://www.csdd.lv