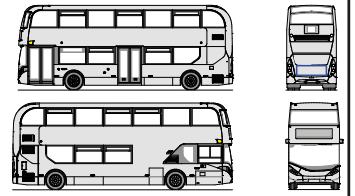




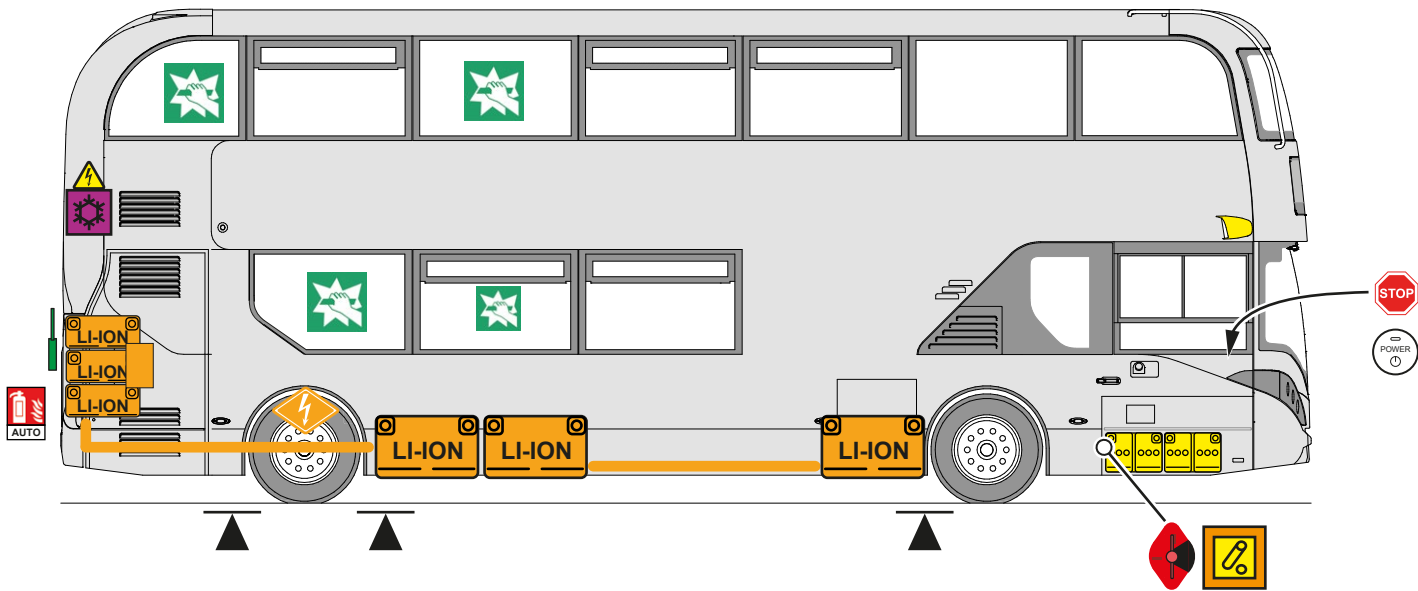
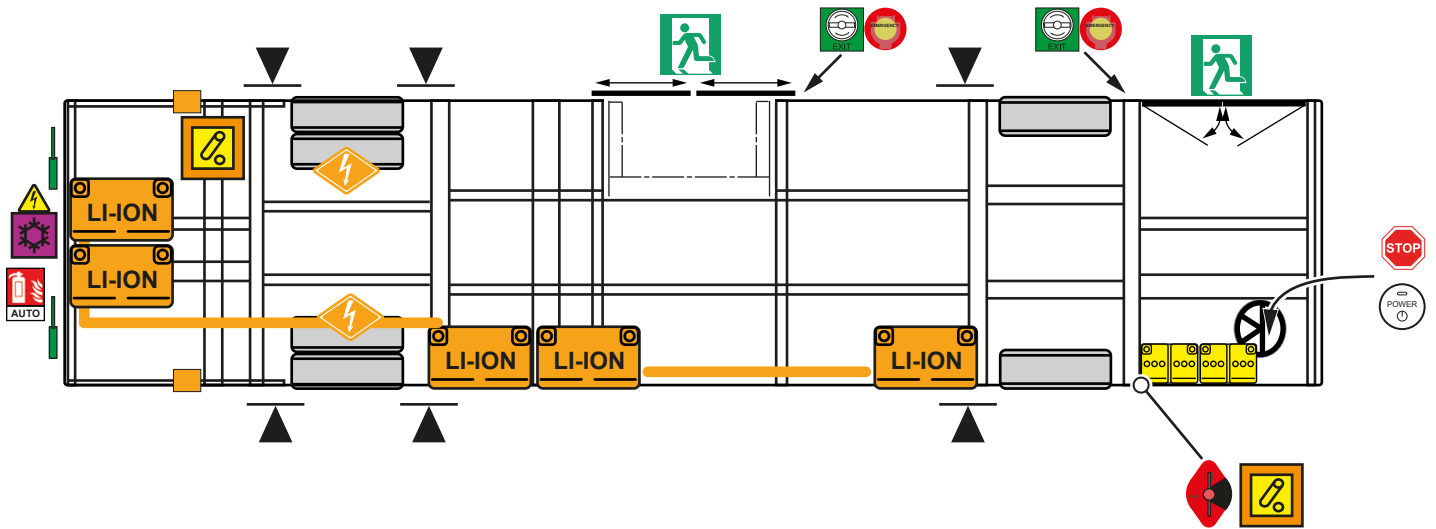
Alexander Dennis
BYD AD Enviro400EV
Double-deck City Body 2021/-

RHD



Vehicle Examples:

NOTE: Vehicle wheelbase may vary

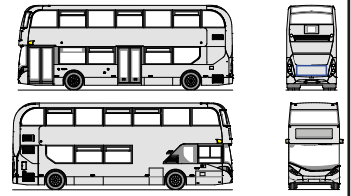


Low Voltage Battery	High Voltage Battery	Electric Drive	High Voltage Junction Box	High Voltage Cable	HV Disable	Emergency Exit	Break Glass Exit
24v Battery Disconnect	Emergency Stop Switch	Door Control		BTMS Air Conditioning	High Pressure Gas Struts	Lifting Point	



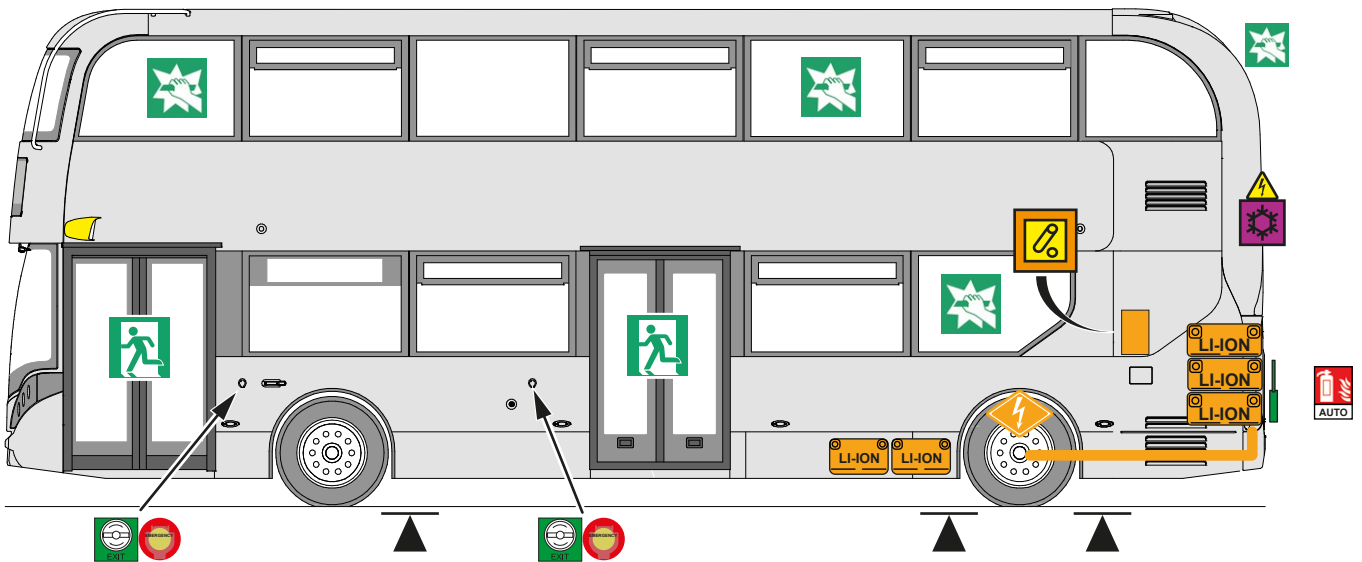
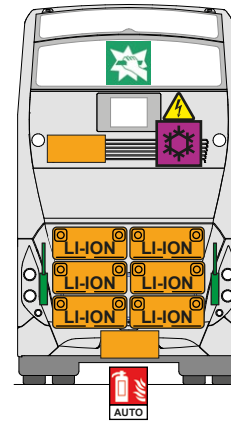
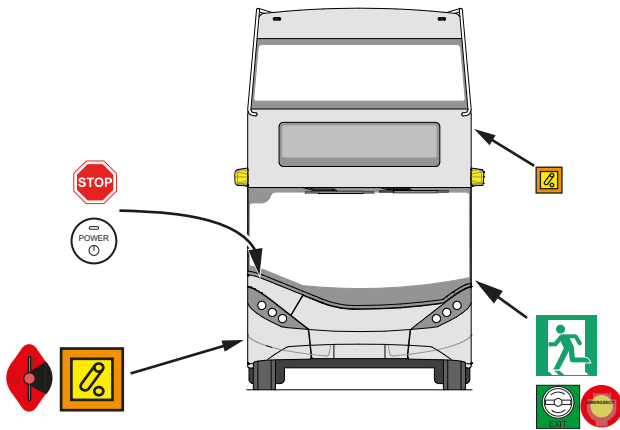
Alexander Dennis
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Vehicle Examples:

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Document based on:

ISO 17840-2:2019(E)

Pub. No.

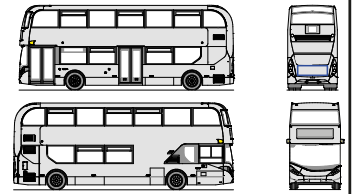
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1. Propulsion Identification



Battery-Electric bus

2. Immobilisation / Stabilisation / Lifting



Suspension Controls



Front Kneel



Full Raise Lower

Suspension height controls on driver's console.

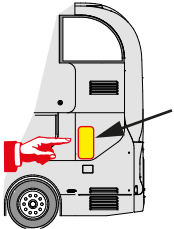
3. Disable Direct Hazards



Driver's
 Emergency Stop
 Lift Cover,
 Push Button



Lift cover and push emergency stop toggle inside cab.



Rear Safety Switch
 Behind lower saloon
 access panel



Disconnect and remove Safety Switch inside lower saloon access panel.

4. Stored Energy / Gases



750V Li-Ion



All High Voltage cables have orange insulation

Do not cut **orange cables** or open high voltage enclosures.



Coolant is **BLUE**



Ethylene Glycol
 Hazards: H302, H373



HFO-1234yf / R1234yf

Contact with liquid or refrigerated gas can cause cold burns and frostbite.

5. Passenger Access and Escape



Escape Glass in side elevation windows.



Emergency push to open

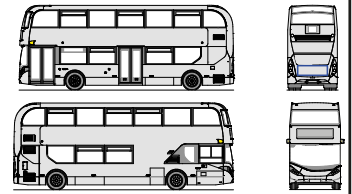


Emergency push to open



Emergency exit door on driver's side rear - PULL to release.

Exit via front passenger doors - PUSH to open.

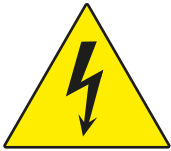


6. In Case of Fire



Do not spray water directly into the Drive Bay.

Battery Product identification:
 lithium-ion battery pack
 Chemical Class:
 ADR Class 9 – miscellaneous dangerous goods.



DO NOT USE WATER ON FIRES:
 CO2, metal fire-ex powder or dry powder fire extinguishers are acceptable.



Thermal Fire
 Detection Recommended



Auto fire suppression in drive bay.

7. In Case of Submersion



HV
 Isolator



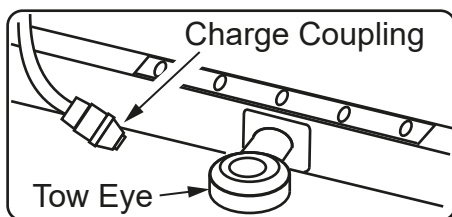
As for Section 3 - Disable direct hazards.

Follow safety routines once out of water.

8. Towing / Recovery



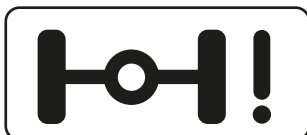
Check temperature on HV Batteries.



Connect tow bar to front tow eye.

Wind off park brake actuators to release park brake.

Supply air to charge port for service brake operation.



Elevate and support drive axle or disconnect HV at junction box.
 Tow speed not to exceed 18MPH or 12 miles distance.

8. Contact Information

Alexander Dennis
 Contact details for more information
 ✉ email: info@alexander-dennis.com

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