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2021 Electric Vehicle Availability Guide

A summary of currently available battery-electric vehicles for medium- and heavy-duty electric fleets.



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SECTION 1

Heavy-Duty Electric Vehicles Class 7-8



Sales Contact:
John Gerra
Director of Truck Sales
john.gerra@byd.com

BYD 8TT (T9/Q3M)

Weight Class (GVWR): Class 8 (33,001+ lbs)

Payload: 20,000 lbs

Chassis/Body Type: Tractor

Energy Storage Capacity: 435 kWh

Range: 124 miles

Max Charge Rate: 300kW

Availability: In production

Base Price: Not available

Website: <http://en.byd.com/usa/>



Einride AET 1, 2, 3, 4

Weight Class (GVWR): Class 8 (33,001+ lbs)

Payload: 32,000 lbs

Chassis/Body Type: Tractor

Energy Storage Capacity: 200-300 km

Range: 80-111 miles, 124-186 miles

Max Charge Rate: Not available

Availability: In production

Base Price: \$10,000 (monthly service fee up to \$22,500)

Website: <https://www.einride.tech/>



Sales Contact:

Chris Abarca
District Manager, Western Region
chris.abarca@daimler.com

Freightliner eCascadia 116/126

Weight Class (GVWR): Class 8 (33,001+ lbs)

Payload: Not available

Chassis/Body Type: Tractor

Energy Storage Capacity: 210, 315, 475 kWh

Range: 250 miles

Max Charge Rate: 225 KW

Availability: Pre-production

Base Price: Not available

Website: <https://freightliner.com/e-mobility/>



Hino Trucks XL8, XL7

Weight Class (GVWR): Class 8 (33,001+ lbs),
Class 7 (26,001-33,000 lb)

Payload: Not available

Chassis/Body Type: Tractor, Straight/Box Truck

Energy Storage Capacity: Not available

Range: 250 miles

Max Charge Rate: Not available

Availability: Pre-production

Base Price: Not available

Website: <https://www.truckinginfo.com...>



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Kenworth K370E

Weight Class (GVWR): Class 7 (26,001-33,000 lbs)

Payload: Not available

Chassis/Body Type: Cab-over

Energy Storage Capacity: 141 kWh, 282 kWh

Range: 100-200 miles

Max Charge Rate: Not available

Availability: Production

Base Price: Not available

Website: <https://www.kenworth.com/trucks/k270-k370/>



A **PACCAR** COMPANY



Kenworth T680E

Weight Class (GVWR): Class 8 (33,001+ lbs)

Payload: Not available

Chassis/Body Type: Tractor and straight truck

Energy Storage Capacity: Not available

Range: 100-150 miles

Max Charge Rate: 120 kWh

Availability: Pre-production

Base Price: Not available

Website: <https://www.kenworth.com/news/news-releases/2020/february/kenworth-t680e/>



Lion Electric Co. Lion8 Urban Truck

Weight Class (GVWR): Class 8 (33,001+ lbs)

Payload: 30,000 lbs

Chassis/Body Type: Straight/Box Truck

Energy Storage Capacity: 336 kWh

Range: 170 miles

Max Charge Rate: 100 kW

Availability: In production

Base Price: \$300,000

Website: <https://thelionelectric.com/en>

Sales Contact:

Dave Anderson
Sales Manager

dave.anderson@thelionelectric.com



Lion Electric Co. Lion8 T

Weight Class (GVWR): Class 8 (33,001+ lbs)

Payload: 30,000 lbs

Chassis/Body Type: Tractor

Energy Storage Capacity: 588 kWh

Range: 210 miles

Max Charge Rate: 100 kW

Availability: In production

Base Price: \$300,000

Website: <https://thelionelectric.com/en>

Sales Contact:

Dave Anderson
Sales Manager

dave.anderson@thelionelectric.com

LONESTAR SV | ELECTRIC



Lonestar SV S12, S22, T12, T22

Weight Class (GVWR): Class 8 (33,001+ lbs)

Payload: Not available

Chassis/Body Type: Yard Tractor

Energy Storage Capacity: 112 kWh, 120 kWh

Range: 12-22 hours

Max Charge Rate: 163 kW

Availability: In production

Base Price: \$215,000-\$265,000

Website: <https://www.lonestarsv.com/4x2models>



Nikola Motor Co. Two, Tre

Weight Class (GVWR): Class 8 (33,001+ lbs)

Payload: Not available

Chassis/Body Type: Tractor

Energy Storage Capacity: Not available

Range: 300 miles

Max Charge Rate: 350 kW

Availability: Pre-production

Base Price: Not available

Website: <https://nikolamotor.com/tre>



A **PACCAR** COMPANY



Sales Contact:

Warner Hall

MD District Sales Manager

Major Markets

Warner.Hall@PACCAR.com

Peterbilt 579EV

Weight Class (GVWR): Class 8 (33,001+ lbs)

Payload: Customized

Chassis/Body Type: Tractor

Energy Storage Capacity: 396 kWh

Range: 150 miles

Time to recharge: 1-5 hours

Availability: Pre-production

Base Price: Not available

Website: <https://www.peterbilt.com/electric-vehicles>



Sales Contact:

Steve Brooks
VP of Sales

steveb@sea-electric.com

SEA Electric Chassis Cab

Weight Class (GVWR): Class 7 (26,001–33,000 lbs); Class 8 (33,001+ lbs)

Payload: 85% - 90% of conventional load

Available Models: Ford F-750; Freightliner M2 106; Isuzu NRR & FTR

Energy Storage Capacity: 138 – 220 kWh

Range: up to 200 miles

Max Charge Rate: 19.2 kW

Availability: Production

Base Price: Not available

Website: <https://www.sea-electric.com/>



Sales Contact:
Steve Brooks
VP of Sales
steveb@sea-electric.com

SEA Electric Straight Trucks

Weight Class (GVWR): Class 8 (33,001+ lbs)

Payload: 85% - 90% of conventional load

Available Models: SEA 338, SEA L7 EV

Energy Storage Capacity: 138 kWh

Range: 200 miles

Max Charge Rate: 19.2 kW

Availability: Production (conversion and repowers)

Base Price: Not available

Website: <https://www.sea-electric.com/>

TESLA



Sales Contact:

Graham Carroll

Staff Program Manager & BD,
SemiTruck

gcarroll@tesla.com

Tesla Semi

Weight Class (GVWR): Class 8 (33,001+ lbs)

Payload: Not available

Chassis/Body Type: Tractor

Energy Storage Capacity: Not available

Range: 300-500 miles

Max Charge Rate: 1.6 MW

Availability: Pre-production

Base Price: \$150,000-\$180,000 (expected)

Website: <https://www.tesla.com/>



Volvo VNR

Weight Class (GVWR): Class 8 (33,001+ lbs)

Payload: Not available

Chassis/Body Type: Tractor

Energy Storage Capacity: 264-396 kWh

Range: Not available

Max Charge Rate: Not available

Availability: Pre-production

Base Price: Not available

Website: <https://www.volvotrucks.us/>

Sales Contact:

Bryan Hass

CA District Sales Manager

bryan.haas@volvo.com



Volvo VNRe 300 T

Weight Class (GVWR): Class 8 (33,001+ lbs)

Payload: 27,000–35,000

Chassis/Body Type: Tractor

Energy Storage Capacity: 264 kW

Range: 120 miles

Max Charge Rate: 150 kW

Availability: Pre-production

Base Price: Not publicly available

Website: <https://www.volvotrucks.us/trucks/vnr/>



Volvo VNRe 300

Weight Class (GVWR): Class 7 (26,001–33,000 lbs)

Payload: 8,000

Chassis/Body Type: Straight / Box Truck

Energy Storage Capacity: 264 kW

Range: 150 miles

Max Charge Rate: 150 kW

Availability: Pre-production

Base Price: Not publicly available

Website: <https://www.volvotrucks.us/trucks/vnr/>



Sales Contact:
Austin Benzinger
Director
Business Development
abenzinger@xostrucks.com

Xos ET-One

Weight Class (GVWR): Class 8 (33,001+ lbs)

Payload: Not available

Chassis/Body Type: Tractor

Energy Storage Capacity: Not available

Range: 300 miles

Max Charge Rate: Not available

Availability: Pre-production

Base Price: \$150,000

Website: <https://xostrucks.com/>

SECTION 2

Electric Yard Tractors



BYD 8Y (Q1M)

Weight Class (GVWR): Class 8 (33,001+ lbs)

Payload: 82,200 lbs

Chassis/Body Type: Yard Tractor

Energy Storage Capacity 217 kWh

Range: 10+ hrs

Max Charge Rate: 200 kW

Availability: In production

Base Price: \$300,000

Website: <http://en.byd.com/usa/>

Sales Contact:

John Gerra

Director of Truck Sales

john.gerra@byd.com



Sales Contact:
Donald Lawrence
Sales Manager
Terminal Tractors
dlawrence@papemh.com

Kalmar Ottawa T2E 4x2 Terminal Tractor

Weight Class (GVWR): Class 8 (33,001+ lbs)

Payload: 78,200

Chassis/Body Type: Yard Tractor

Energy Storage Capacity: 132-200 kWh

Range: 8-20 hrs

Max Charge Rate: 70 kW

Availability: In production

Base Price: \$272,000-\$349,000

Website: <https://kalmarottawa.com/>

MAFI T230e

MAFI
TRANSPORT-SYSTEME GMBH



Weight Class (GVWR): Class 8 (33,001+ lbs)

Payload: Not available

Chassis/Body Type: Yard Tractor

Energy Storage Capacity: 177 kW

Range: Not available

Max Charge Rate: Not available

Availability: Production

Base Price: Not available

Website: <https://www.fleetowner.com/running-green/press-release/21152231/mafi-launches-electric-terminal-tractor-t-230e> [BACK TO TOP](#)



Terberg Tractors Americas YT202-EV

Weight Class (GVWR): Class 8 (33,001+ lbs)

Payload: 130,000

Chassis/Body Type: Yard Tractor

Energy Storage Capacity: 113-170 kW

Range: 5-13 hours

Max Charge Rate: 80 kW

Availability: Pre-production

Base Price: \$350,000-\$400,000

Website: <https://www.terbergtractorsamericas.com/en/>

Sales Contact:

Ron Van Arkel

R.vanArkel@terbergamericas.com



Terberg Tractors Americas YT203-EV



Weight Class (GVWR): Class 8 (33,001+ lbs)

Payload: 130,000

Chassis/Body Type: Yard Tractor

Energy Storage Capacity: 96, 148, 222 kW

Range: 5.5, 8, 12 hours

Max Charge Rate: 96 kW

Availability: Production

Base Price: \$270,000-\$355,000

Website: <https://www.terbergtractorsamericas.com/en/>

Sales Contact:

Ron Van Arkel

R.vanArkel@terbergamericas.com



TICO Pro Spotter

Weight Class (GVWR): Class 8 (33,001+ lbs)

Payload: 42,000

Chassis/Body Type: Yard Tractor

Energy Storage Capacity: 132, 172, 196 kW

Range: Not available

Max Charge Rate: Not available

Availability: Pre-production

Base Price: \$275,000–\$310,000

Website: <http://ticottractors.com/pro-spotter/>

SECTION 3

Medium-Duty Electric Vehicles Class 4-7



BYD 6F and 5F

Weight Class (GVWR): Class 6 (19,501-26,000 lbs),
Class 5 (16,001-19,500 lbs)

Payload: 12,502-8,093 lbs

Chassis/Body Type: Chassis Cab

Energy Storage Capacity: 145-221 kWh

Range: 124-155 miles

Max Charge Rate: 150 kW

Availability: In production

Base Price: \$165,000+

Website: <http://en.byd.com/usa/>

Sales Contact:
John Gerra
Director of Truck Sales
john.gerra@byd.com



BYD 6D Step Van

Weight Class (GVWR): Class 6 (19,501-26,000 lbs)

Payload: 10,233 lbs

Chassis/Body Type: Van

Energy Storage Capacity: 221 kWh

Range: 125 miles

Max Charge Rate: 120 kW

Availability: In production

Base Price: Not Available

Website: <http://en.byd.com/usa/>

Sales Contact:

John Gerra

Director of Truck Sales

john.gerra@byd.com

CENNTRO

Cenntro City Porter



Weight Class (GVWR): Class 4 (14,001-16,000 lb)

Payload: 5,700 lbs

Chassis/Body Type: Van

Energy Storage Capacity: Not available

Range: 220 miles

Max Charge Rate: Not available

Availability: Pre-production

Base Price: Not available

Website: <https://www.prnewswire.com/...>



Sales Contact:

Tim Weaver
Senior Vice President
Business Development
tim.weaver@chanje.us
sales@chanje.com

Chanje V8100

Weight Class (GVWR): Class 5 (16,001-19,500 lbs)

Payload: 6,000 lbs

Chassis/Body Type: Van

Energy Storage Capacity: 100 kWh

Range: 150 miles

Max Charge Rate: 13.2 kW

Availability: In production

Base Price: \$85,000

Website: <https://chanje.com/>



CityFreighter CF1



Weight Class (GVWR): Class 3 (10,001-14,000 lb)

Payload: 4,800 lbs

Chassis/Body Type: Straight/Box Truck

Energy Storage Capacity: Not available

Range: 100 miles

Max Charge Rate: Not available

Availability: Pre-production

Base Price: Not available

Website: <https://www.cityfreighter.com/>



Endera Motors L



Weight Class (GVWR): Class 4 (14,001-16,000 lb)

Payload: 6,900-6,100 lbs

Chassis/Body Type: Straight/Box Truck

Energy Storage Capacity: 86, 129kWh

Range: 80, 120 miles

Max Charge Rate: 50 kW

Availability: In production

Base Price: Not available

Website: <https://www.enderamotors.com/our-l-series>



Freightliner eM2 108 & 106



Sales Contact:

Chris Abarca
District Manager,
Western Region

chris.abarca@daimler.com

Weight Class (GVWR): Class 7 (26,001-33,000 lbs) and Class 6 (19,501-26,000 lbs)

Payload: Not available

Chassis/Body Type: Straight truck

Energy Storage Capacity: 210, 220, 315, 475 kWh

Range: 230 miles

Max Charge Rate: 150 kWh

Availability: Pre-production

Base Price: Not available

Website: <https://freightliner.com/e-mobility/>



Freightliner Custom Chassis Corporation MT-50e

Weight Class (GVWR): Class 6 (19,501-26,000 lbs) and Class 5 (16,001-19,500 lbs)

Payload: 23,000 lbs

Chassis/Body Type: Van

Energy Storage Capacity: 226 kWh

Range: 120 miles

Max Charge Rate: Not available

Availability: Pre-production

Base Price: Not available

Website: <https://www.fcccommercial.com/wp-content/uploads/2020/11/FCCC783-MT50e-Flyer-Layout.pdf>

Sales Contact:

Chris Abarca
District Manager,
Western Region

chris.abarca@daimler.com



GreenPower EV Star Cargo, Cargo+, CC



Weight Class (GVWR): Class 5 (16,001-19,500 lbs),
Class 4 (14,001-16,000 lb)

Payload: 6,000-5,000 lbs

Chassis/Body Type: Van, Straight/Box Truck, Cutaway

Energy Storage Capacity: 118 kWh

Range: 150 miles

Max Charge Rate: 50 kW

Availability: Pre-production

Base Price: \$149,900+

Website: <https://www.greenpowerbus.com>

Sales Contact:

Ryan Shetterly

Vice President

Sales & Marketing

ryne@greenpowerbus.com



Hino Trucks M5

Weight Class (GVWR): Class 5 (16,001-19,500 lbs),

Payload: Not available

Chassis/Body Type: Cab-over

Energy Storage Capacity: 138 kWh

Range: 200 miles

Max Charge Rate: 19.2 kW

Availability: Pre-production

Base Price: Not available

Website: <https://www.truckinginfo.com...>



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Sales Contact:

Lance Barton
Medium Duty Sales Manager
Western Region
Lance/Barton@paccar.com

Kenworth K270E

Weight Class (GVWR): Class 6 (19,501-26,000 lbs)

Payload: Not available

Chassis/Body Type: Cab-over

Energy Storage Capacity: 141 kWh, 282 kWh

Range: 100-200 miles

Max Charge Rate: Not available

Availability: Production

Base Price: Not available

Website: <https://www.kenworth.com/trucks/k270-k370/>



Lightning Systems 6500XD

Weight Class (GVWR): Class 6 (19,501-26,000 lbs)

Payload: 14,000-12,200 lbs

Chassis/Body Type: Cab-over

Energy Storage Capacity: 96-192 kWh

Range: 66-130 miles

Max Charge Rate: 6.6 and 50 kW

Availability: In production

Base Price: \$129,000-\$189,000

Website: <https://lightningsystems.com/lightningelectric-chevrolet-6500xd/>

Sales Contact:

Julie Johnson

Enterprise Business Development

julie.johnson@lightningsystems.com



Lightning Systems F-59 Cargo Van

Weight Class (GVWR): Class 6 (19,501-26,000 lbs)

Payload: Customized

Chassis/Body Type: Straight/Box Truck

Energy Storage Capacity: 128 kWh, 160 kWh, 192 kWh

Range: 110-170 miles

Max Charge Rate: 1.5-12 hours

Availability: In production

Base Price: \$115,000-\$169,000

Website: <https://lightningsystems.com/lightningelectric-f-59-delivery-van/>

Sales Contact:

Julie Johnson

Enterprise Business Development

julie.johnson@lightningsystems.com



Lightning Systems Ford E-450 Cutaway

Weight Class (GVWR): Class 4 (14,000-16,000 lbs)

Payload: 6,900-6,100 lbs

Chassis/Body Type: Cutaway

Energy Storage Capacity: 86-129 kWh

Range: 80-120 miles

Max Charge Rate: 6.6 kW, 50 kW

Availability: In production

Base Price: \$105,000-\$130,000

Website: <https://lightningsystems.com/lightningelectric-e450-cutaway/>

Sales Contact:

Julie Johnson

Enterprise Business Development

julie.johnson@lightningsystems.com



Lion Electric Co. Lion6

Weight Class (GVWR): Class 6 (19,501-26,000 lb)

Payload: Not available

Chassis/Body Type: Straight/Box Truck

Energy Storage Capacity: 252 kWh

Range: 180 miles

Max Charge Rate: 100 kW

Availability: In production

Base Price: Not available

Website: <https://thelionelectric.com/en>

Sales Contact:

Dave Anderson
Sales Manager

dave.anderson@thelionelectric.com



Sales Contact:

John Felts

Sales Representative

NorCal & NW USA

john.felts@motivps.com

Motiv Power Systems EPIC F-59

Weight Class (GVWR): Class 6 (19,501-26,000 lbs)

Payload: 10,000 lbs

Chassis/Body Type: Straight/Box Truck

Energy Storage Capacity: 127 kWh

Range: 120 miles

Max Charge Rate: 60 kW

Availability: In production

Base Price: Customizable; available upon request

Website: [https://www.motivps.com/motivps/
portfolio-items/epicf59-allelectric-stepvan/](https://www.motivps.com/motivps/portfolio-items/epicf59-allelectric-stepvan/)



Sales Contact:

John Felts

Sales Representative

NorCal & NW USA

john.felts@motivps.com

Motiv Power Systems EPIC E-450

Weight Class (GVWR): Class 4 (14,000-16,000 lbs)

Payload: up to 6,000 lbs

Chassis/Body Type: Cutaway

Energy Storage Capacity: 127 kWh

Range: 120 miles

Max Charge Rate: 60 kW

Availability: In production

Base Price: Customizable; available upon request

Website: <https://www.motivps.com/motivps/>



Navistar eMV

Weight Class (GVWR): Class 6 (19,501-26,000 lbs)

Payload: Not available

Chassis/Body Type: Chassis Cab

Energy Storage Capacity: 107-321 kWh

Range: up to 250 miles

Max Charge Rate: Not available

Availability: Pre-production

Base Price: Not available

Website: <https://www.internationaltrucks.com/trucks/mv-series>

Sales Contact:

Jason Gies

Director of Business Development

jason.gies@navistar.com



Nordresa T6, T5, and T4

Weight Class (GVWR): Class 6 (19,501-26,000 lbs), Class 5 (16,001-19,500 lbs), Class 4 (14,000-16,000 lbs)

Payload: 12,750-8,250 lbs

Chassis/Body Type: Cab-over

Energy Storage Capacity: 80-160 kWh

Range: 62-150 miles

Max Charge Rate: 13.5 kW

Availability: In production

Base Price: \$120,000-\$150,000

Website: <https://nordresa.com/en/t-series>



Nordresa W4



Weight Class (GVWR): Class 4 (14,000-16,000 lbs)

Payload: 5,550-4,450 lbs

Chassis/Body Type: Van

Energy Storage Capacity: 80-160 kWh

Range: 75-150 miles

Max Charge Rate: 13.5 kW

Availability: In production

Base Price: Not available

Website: <https://nordresa.com/en/w-series>



Optimal EV E1



Weight Class (GVWR): Class 4 (14,001-16,000 lb)

Payload: Not available

Chassis/Body Type: Cutaway

Energy Storage Capacity: 134 kWh

Range: 125 miles

Max Charge Rate: Not available

Availability: Production

Base Price: Not available

Website: <https://optimal-ev.com/about>



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Sales Contact:

Warner Hall
MD District Sales Manager
Major Markets

Warner.Hall@PACCAR.com

Peterbilt 220 EV

Weight Class (GVWR): Class 7 (26,001-33,000 lb),
Class 6 (19,501-26,000 lbs)

Payload: 33,000-26,000 lbs

Chassis/Body Type: Straight/Box Truck

Energy Storage Capacity: 141 kWh, 148 kWh, 282 kWh

Range: 100-200 miles

Max Charge Rate: 150 kWh

Availability: Pre-production

Base Price: Not available

Website: <https://www.peterbilt.com/electric-vehicles>

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Phoenix ZEUS 500 Trucks

Weight Class (GVWR): Class 4 (14,000-16,000 lbs)

Payload: 6,500 lbs

Chassis/Body Type: Cutaway

Energy Storage Capacity: 70, 105, 140 kWh

Range: 80, 115, 150 mi

Max Charge Rate: 50 kW

Availability: In production

Base Price: \$202,500-\$226,000

Website: <http://www.phoenixmotorcars.com/products/#trucks>

Sales Contact:

Thomas Allen

Sales Manager

thomasa@phoenixmotorcars.com



ROUSH CleanTech F-650

Weight Class (GVWR): Class 6 (19,501-26,000 lb)

Payload: 14,500 lbs

Chassis/Body Type: Chassis Cab

Energy Storage Capacity: 138 kWh

Range: 100 miles

Max Charge Rate: 19.2 kW

Availability: Pre-production

Base Price: Not available

Website: <https://www.roushcleantech.com/ford-f-650-chassis-cab/>

Sales Contact:

Joe Rudolph

VP Commercial Fleet Sales

Joeseeph.Rudolph@roush.com



Sales Contact:
Steve Brooks
VP of Sales
steveb@sea-electric.com

SEA Electric MD Chassis Cabs

Weight Class (GVWR): Class 4 (14,000-16,000 lbs); Class 5 (16,001-19,500 lbs); Class 6 (19,501-26,000 lbs)

Payload: 85% - 90% of conventional load

Available Models: SEA 4500/5500/6500; SEA M2 106; SEA 155/195; SEA NPR/NQR; SEA M4/M5

Energy Storage Capacity: 100 –138 kWh

Range: 170 – 200 miles

Max Charge Rate: 19.2 kW

Availability: Production (conversion and repower)

Base Price: Not available

Website: <https://www.sea-electric.com/>



Sales Contact:
Steve Brooks
VP of Sales
steveb@sea-electric.com

SEA Electric MD Straight Trucks

Weight Class (GVWR): Class 4 (14,000-16,000 lbs); Class 5 (16,001-19,500 lbs); Class 6 (19,501-26,000 lbs)

Payload: 85% - 90% of conventional load

Available Models: SEA F-53/59; SEA MT45/55; SEA L6; SEA 238/258/268

Energy Storage Capacity: 138 kWh

Range: 200 miles

Max Charge Rate: 19.2 kW

Availability: Production (conversion and repower)

Base Price: Not available

Website: <https://www.sea-electric.com/>



Sales Contact:
Steve Brooks
VP of Sales
steveb@sea-electric.com

SEA Electric MD Cutaways

Weight Class (GVWR): Class 4 (14,000-16,000 lbs); Class 5 (16,001-19,500 lbs); Class 6 (19,501-26,000 lbs)

Payload: 85% - 90% of conventional load

Available Models: SEA 450/550/650; SEA 4500

Energy Storage Capacity: 100 – 138 kWh

Range: 170 – 200 miles

Max Charge Rate: 19.2 kW

Availability: Production (conversion and repower)

Base Price: Not available

Website: <https://www.sea-electric.com/>



Sales Contact:
Austin Benzinger
Director
Business Development
abenzinger@xostrucks.com

Xos Delivery Van

Weight Class (GVWR): Class 6 (19,501-26,000 lbs)

Payload: Not available

Chassis/Body Type: Straight/Box Truck

Energy Storage Capacity: Not available

Range: 200 miles

Max Charge Rate: Not available

Availability: In production

Base Price: Not available

Website: <https://xostrucks.com/>

SECTION 4

Medium-Duty Electric Vehicles Class 2-3



Arrival Van

Weight Class (GVWR): Class 2 (6,001-10,000 lb)

Payload: 4,235 lbs

Chassis/Body Type: Van

Energy Storage Capacity: 44-133 kWh

Range: 93-214 miles

Max Charge Rate: 6.6 kW

Availability: Pre-production

Base Price: Not available

Website: <https://arrival-site-cms.s3.eu-west-2.amazonaws.com>



BOLLINGER MOTORS

Bollinger B2 Chassis Cab



Weight Class (GVWR): Class 3 (10,001-14,000 lb)

Payload: 5,000 lbs

Chassis/Body Type: Chassis Cab

Energy Storage Capacity: 142 kWh

Range: 200 miles

Max Charge Rate: 100 kW

Availability: Pre-production

Base Price: \$125,000

Website: <https://bollingermotors.com/bollinger-b2/>

BOLLINGER MOTORS



Bollinger Deliver-E

Weight Class (GVWR): Class 3 (10,001-14,000 lb)

Payload: Not available

Chassis/Body Type: Van

Energy Storage Capacity: 70, 105, 140, 175, 210 kWh

Range: Up to 200 miles

Max Charge Rate: 100 kW

Availability: Pre-production

Base Price: \$125,000

Website: <https://bollingermotors.com/bollinger-b2/>



BrightDrop EV600



Weight Class (GVWR): Class 2 (6,001-10,000 lb)

Payload: 2,200 lbs

Chassis/Body Type: Van

Energy Storage Capacity: Not available

Range: 250 miles

Max Charge Rate: 120 kW

Availability: Production

Base Price: Not available

Website: <https://www.gobrightdrop.com/>



Envirotech Urban Truck

Weight Class (GVWR): Class 3 (10,001-14,000 lbs)

Payload: 5,732 lbs

Chassis/Body Type: Cab-over

Energy Storage Capacity: 92.5 kWh

Range: 174 miles

Max Charge Rate: 6.6 kW

Availability: In production

Base Price: \$119,900

Website: <https://envirotechvehicles.com/urban-truck/>



Envirotech Logistics Van and Cutaway

Weight Class (GVWR): Class 3 (10,001-14,000 lbs)

Payload: 5511-4828 lbs

Chassis/Body Type: Van and Cutaway

Energy Storage Capacity: 106 kWh

Range: 174 miles

Max Charge Rate: 6.6 kW

Availability: In production

Base Price: \$114,900-\$119,900

Website: <https://envirotechvehicles.com/logistics-van/>



Ford E-Transit

Weight Class (GVWR): Class 2 (6,001-10,000 lbs)

Payload: 4,290-3,800 lbs

Chassis/Body Type: Cutaway, Cab Chassis, Van

Energy Storage Capacity: 67 kWh

Range: 126 miles

Max Charge Rate: Not available

Availability: Pre-production

Base Price: Under \$45,000

Website: <https://www.ford.com/commercial-trucks/e-transit/2022/>



Ford F-150 Lightning

Weight Class (GVWR): Class 2 (6,001-10,000 lbs)

Payload: 2,000 lbs

Chassis/Body Type: Full size pickup truck

Energy Storage Capacity: Not available

Range: 230-300 miles

Max Charge Rate: Not available

Availability: In production

Base Price: \$39,974

Website: <https://www.ford.com/trucks/f150/f150-lightning/2022/>





Sales Contact:

Julie Johnson

Enterprise Business Development

julie.johnson@lightningsystems.com

Lightning Systems Ford Transit Cargo Van

Weight Class (GVWR): Class 3 (10,001-14,000 lbs)

Payload: 5,000-1,700 lbs

Chassis/Body Type: Van and Cutaway

Energy Storage Capacity: 43, 86 kWh

Range: 60-120 miles

Max Charge Rate: 6.6 kW, 50 kW

Availability: In production

Base Price: \$79,900-\$99,000

Website: <https://lightningsystems.com/lightningelectric-ford-transit-cargo/>

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Maxwell Vehicles ePro Electric Vans



Weight Class (GVWR): Class 2 (6,001-10,000 lbs)

Payload: 4,100 lbs (4,600 lbs tow)

Chassis/Body Type: Van

Energy Storage Capacity: 54, 62, 75 kWh

Range: 100 - 200 miles

Max Charge Rate: 150 kW

Availability: In Production

Base Price: \$34,990 - \$45,000

Website: <https://www.maxwellvehicles.com/>



Mercedes-Benz



Mercedes-Benz eSprinter

Weight Class (GVWR): Class 2 (6,001-10,000 lbs)

Payload: 2,293 lbs; 1,964 lbs

Chassis/Body Type: Van

Energy Storage Capacity: 44, 55 kWh

Range: 70 - 90 miles

Max Charge Rate: 80 kW

Availability: Production

Base Price: \$70,000

Website: <https://www.mbvans.com/sprinter/commercial-vans/passenger-van>

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Sales Contact:
Steve Brooks
VP of Sales
steveb@sea-electric.com

SEA Electric Ford Transit EV

Weight Class (GVWR): Class 3 (10,001-14,000 lbs)

Payload: 85% - 90% of conventional load

Chassis/Body Type: Cargo van and Cutaway

Energy Storage Capacity: 88 kWh

Range: up to 190 miles

Max Charge Rate: 19.2 kW

Availability: Production

Base Price: Not available

Website: <https://www.sea-electric.com/>

WORKHORSE™



Sales Contact:

Pax Lindell
Sales

sales@workhorse.com

Workhorse C-Series Vehicles

Weight Class (GVWR): Class 3 (10,001-14,000 lbs)

Payload: 6,000 lbs

Chassis/Body Type: Straight/Box Truck

Energy Storage Capacity: 35, 70 kWh

Range: 50, 100 miles

Max Charge Rate: Not available

Availability: In production

Base Price: Not available

Website: <https://workhorse.com/>

SECTION 5

Electric Shuttle Buses



BYD C6M – 23'

Weight Class (GVWR): Class 5 (16,001-19,500 lbs)

Passenger Capacity: 16 people

Chassis/Body Type: Shuttle Bus

Energy Storage Capacity: 121 kWh

Range: 124 miles

Max Charge Rate: 40 kW

Availability: In production

Base Price: \$850,000

Website: <http://en.byd.com/usa/>

Sales Contact:

Patrick Duan

Vice President of Operations

patrick.duan@byd.com



Ford Transit

Weight Class (GVWR): Class 2 (6,001-10,000 lbs)

Payload: Not available

Chassis/Body Type: Chassis Cab

Energy Storage Capacity: Not available

Range: 93 miles

Max Charge Rate: Not available

Availability: Pre-production

Base Price: Not available

Website: <https://media.ford.com/content/fordmedia/fna/us/en/news/2020/03/03/ford-to-offer-all-electric-transit.html>

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GreenPower EV Star Min-e Bus – 25'

Weight Class (GVWR): Class 4 (14,001-16,000 lbs)

Passenger Capacity: 19 people

Chassis/Body Type: Shuttle Bus

Energy Storage Capacity: 118 kWh

Range: 150 miles

Max Charge Rate: 50 kW

Availability: In production

Base Price: \$172,900

Website: <http://www.greenpowerbus.com/>

Sales Contact:

Ryne Shetterly

Vice President

Sales & Marketing

ryne@greenpowerbus.com



Lightning Systems E-450

Weight Class (GVWR): Class 4 (14,001-16,000 lbs)

Passenger Capacity: Depends on body configuration

Chassis/Body Type: Shuttle Bus

Energy Storage Capacity: 86-129 kWh

Range: 80-120 miles

Max Charge Rate: 6.6 or 50 kW

Availability: In production

Base Price: \$105,000

Website: <https://lightningsystems.com/>

Sales Contact:

Julie Johnson

Enterprise Business Development

julie.johnson@lightningsystems.com



Lightning Systems LEV60/120

Weight Class (GVWR): Class 3 (10,001-14,000 lbs)

Passenger Capacity: 15 people

Chassis/Body Type: Shuttle Bus

Energy Storage Capacity: 43-86 kWh

Range: 60-120 miles

Max Charge Rate: 6.6 or 50 kW

Availability: In production

Base Price: \$79,900

Website: <https://lightningsystems.com/>

Sales Contact:

Julie Johnson

Enterprise Business Development

julie.johnson@lightningsystems.com



Sales Contact:

Nate Baguio

Vice President of Sales

USA - Buses

nate.baguio@thelionelectric.com

Lion Electric eLionM – 26'

Weight Class (GVWR): Not available

Passenger Capacity: 10-22 people

Chassis/Body Type: Shuttle Bus

Energy Storage Capacity: 80-160 kWh

Range: 70-150 miles

Max Charge Rate: 19.2 kW (on-board)

Availability: In production

Base Price: \$290,000

Website: <https://thelionelectric.com/en>



Micro Bird D-Series E-450

Weight Class (GVWR): Class 4 (14,001-16,000 lbs)

Passenger Capacity: 29 people

Chassis/Body Type: Shuttle Bus

Energy Storage Capacity: 88 kWh

Range: 100 miles

Max Charge Rate: 13 kW

Availability: In production

Base Price: Not available

Website: <https://mbcbus.com/product/d-series/>



Motiv Power Systems F-59 Shuttle Bus

Weight Class (GVWR): Class 6 (19,501-26,000 lbs)

Payload: not available

Chassis/Body Type: Shuttle Bus

Energy Storage Capacity: 127 kWh

Range: 105 miles

Max Charge Rate: 19.2 kW and 60 kW

Availability: In production

Base Price: \$228,095

Website: [https://www.motivps.com/motivps/
portfolio-items/epicf59-allelectric-stepvan/](https://www.motivps.com/motivps/portfolio-items/epicf59-allelectric-stepvan/)

Sales Contact:

John Felts

Sales Representative

NorCal & NW USA

john.felts@motivps.com



Phoenix Zeus 400 – 22'

Weight Class (GVWR): Class 4 (14,001-16,000 lbs)

Passenger Capacity: 18 people

Chassis/Body Type: Shuttle Bus

Energy Storage Capacity: 63-156 kWh

Range: 70-160 miles

Max Charge Rate: 50 kW

Availability: In production

Base Price: \$225,000

Website: <http://www.phoenixmotorcars.com>

Sales Contact:

Thomas Allen
Sales Manager

thomasa@phoenixmotorcars.com



Sales Contact:
Steve Brooks
VP of Sales
steveb@sea-electric.com

SEA Electric Chassis Cab

Weight Class (GVWR): Class 4 (14,001-16,000 lbs)

Payload: 85% - 90% of conventional load

Available Models: SEA 4500

Energy Storage Capacity: 100 kWh

Range: 170 miles

Max Charge Rate: 19.2 kW

Availability: Production (conversion and repower)

Base Price: Not available

Website: <https://www.sea-electric.com/>



Sales Contact:
Steve Brooks
VP of Sales
steveb@sea-electric.com

SEA Electric Cutaways

Weight Class (GVWR): Class 3 (10,001-14,000 lbs); Class 4 (14,001-16,000 lbs); Class 5 (16,001-19,500 lbs); Class 6 (19,501-26,000 lbs)

Payload: 85% - 90% of conventional load

Available Models: SEA 3500/4500; SEA E-450; SEA F-450/550/650

Energy Storage Capacity: 100 – 138 kWh

Range: 170 – 200 miles

Max Charge Rate: 19.2 kW

Availability: Production (conversion and repower)

Base Price: Not available

Website: <https://www.sea-electric.com/>



Sales Contact:
Steve Brooks
VP of Sales
steveb@sea-electric.com

SEA Electric Van

Weight Class (GVWR): Class 3 (10,001-14,000 lbs)

Payload: 85% - 90% of conventional load

Available Models: Ford Transit EV

Energy Storage Capacity: 88 kWh

Range: 190 miles

Max Charge Rate: 19.2 kW

Availability: Production (conversion and repower)

Base Price: Not available

Website: <https://www.sea-electric.com/>

SECTION 6

Electric Transit Buses



BYD K7 – 30'

Weight Class (GVWR): Class 7 (26,001-33,000 lbs)

Passenger Capacity: 22 people

Chassis/Body Type: Transit Bus

Energy Storage Capacity: 180 kWh

Range: 137 miles

Max Charge Rate: 80 kW

Availability: In production

Base Price: Not available

Website: <http://en.byd.com/usa/>

Sales Contact:

Patrick Duan

Vice President of Operations

patrick.duan@byd.com



BYD C8M – 35'

Weight Class (GVWR): Class 8 (33,001+ lbs)

Passenger Capacity: 42 people

Chassis/Body Type: Transit Bus

Energy Storage Capacity: 313 kWh

Range: 200 miles

Max Charge Rate: 80 kW

Availability: In production

Base Price: Not available

Website: <http://en.byd.com/usa/>

Sales Contact:

Patrick Duan

Vice President of Operations

patrick.duan@byd.com



Sales Contact:

Patrick Duan
Vice President of Operations
patrick.duan@byd.com

BYD K9S – 35'

Weight Class (GVWR): Class 7 (26,001-33,000 lbs)

Passenger Capacity: 32 people

Chassis/Body Type: Transit Bus

Energy Storage Capacity: 352 kWh

Range: 145 miles

Max Charge Rate: 80 kW

Availability: In production

Base Price: Not available

Website: <http://en.byd.com/usa/>



BYD C9M – 40'

Weight Class (GVWR): Class 8 (33,001+ lbs)

Passenger Capacity: 49 people

Chassis/Body Type: Transit Bus

Energy Storage Capacity: 352 kWh

Range: 200 miles

Max Charge Rate: 80 kW

Availability: In production

Base Price: Not available

Website: <http://en.byd.com/usa/>

Sales Contact:

Patrick Duan

Vice President of Operations

patrick.duan@byd.com



BYD K9 – 40'

Weight Class (GVWR): Class 8 (33,001+ lbs)

Passenger Capacity: 37 people

Chassis/Body Type: Transit Bus

Energy Storage Capacity: 324 kWh

Range: 156 miles

Max Charge Rate: 80 kW

Availability: In production

Base Price: Not available

Website: <http://en.byd.com/usa/>

Sales Contact:

Patrick Duan

Vice President of Operations

patrick.duan@byd.com



BYD C10M – 45'

Weight Class (GVWR): Class 8 (33,001+ lbs)

Passenger Capacity: 58 people

Chassis/Body Type: Transit Bus

Energy Storage Capacity: 446 kWh

Range: 230 miles

Max Charge Rate: 200 kW

Availability: In production

Base Price: Not available

Website: <http://en.byd.com/usa/>

Sales Contact:

Patrick Duan

Vice President of Operations

patrick.duan@byd.com



BYD K11 – 60'

Weight Class (GVWR): Class 8 (33,001+ lbs)

Passenger Capacity: 46-55 people

Chassis/Body Type: Transit Bus

Energy Storage Capacity: 578 kWh

Range: 220 miles

Max Charge Rate: 200 kW

Availability: In production

Base Price: Not available

Website: <http://en.byd.com/usa/>

Sales Contact:

Patrick Duan

Vice President of Operations

patrick.duan@byd.com

GILLIG



Gillig Low Floor Plus – 30-40'

Weight Class (GVWR): Class 8 (33,001+ lbs)

Passenger Capacity: Not available

Chassis/Body Type: Transit Bus

Energy Storage Capacity: 296-444 kWh

Range: Not available

Max Charge Rate: Not available

Availability: In production

Base Price: Not available

Website: <https://www.gillig.com/>

Sales Contact:

Bus Sales

(510) 785-1500

sales@gillig.com



GreenPower EV250 – 30-32'

Weight Class (GVWR): Class 8 (33,001+ lbs)

Passenger Capacity: 25 people + standees

Chassis/Body Type: Transit Bus

Energy Storage Capacity: 210 kWh

Range: 175+ miles

Max Charge Rate: 100 kW

Availability: In production

Base Price: \$499,900

Website: <http://www.greenpowerbus.com/>

Sales Contact:

Ryne Shetterly

Vice President

Sales & Marketing

ryne@greenpowerbus.com



GreenPower EV300 – 35'

Weight Class (GVWR): Class 8 (33,001+ lbs)

Passenger Capacity: 34 people + standees

Chassis/Body Type: Transit Bus

Energy Storage Capacity: 260 kWh

Range: 175+ miles

Max Charge Rate: 100 kW

Availability: In production

Base Price: Not available

Website: <http://www.greenpowerbus.com/>

Sales Contact:

Ryne Shetterly

Vice President

Sales & Marketing

ryne@greenpowerbus.com



GreenPower EV350 – 40'

Weight Class (GVWR): Class 8 (33,001+ lbs)

Passenger Capacity: 40 people + standees

Chassis/Body Type: Transit Bus

Energy Storage Capacity: 320 kWh

Range: 185+ miles

Max Charge Rate: 200 kW

Availability: In production

Base Price: \$749,000

Website: <http://www.greenpowerbus.com/>

Sales Contact:

Ryne Shetterly

Vice President

Sales & Marketing

ryne@greenpowerbus.com



GreenPower EV400 – 45'

Weight Class (GVWR): Class 8 (33,001+ lbs)

Passenger Capacity: 44 people + standees

Chassis/Body Type: Transit Bus

Energy Storage Capacity: 320 kWh

Range: 185+ miles

Max Charge Rate: 200 kW

Availability: Pre-production

Base Price: Not available

Website: <http://www.greenpowerbus.com/>

Sales Contact:

Ryne Shetterly

Vice President

Sales & Marketing

ryne@greenpowerbus.com



Lightning Systems City Transit Bus Repower

Weight Class (GVWR): Class 7 (26,001-33,000 lbs)

Passenger Capacity: 20-30 people

Chassis/Body Type: Transit Bus

Energy Storage Capacity: 320 kWh

Range: 140-200 miles

Max Charge Rate: 50 kW

Availability: In production

Base Price: \$420,000

Website: <https://lightningsystems.com/>

Sales Contact:

Julie Johnson

Enterprise Business Development

julie.johnson@lightningsystems.com



New Flyer XE35 – 35'

Weight Class (GVWR): Class 7 (26,001-33,000 lbs)

Passenger Capacity: 67 people

Chassis/Body Type: Transit Bus

Energy Storage Capacity: 100-454 kWh

Range: 50-215 miles

Max Charge Rate: 150 kW (depot), 450 kW (on-route)

Availability: In production

Base Price: \$735,000-\$825,000

Website: <https://www.newflyer.com/>

Sales Contact:

Daniel Trujillo
Regional Sales Manager
California

Daniel_Trujillo@newflyer.com



New Flyer XE40 – 40'

Weight Class (GVWR): Class 8 (33,001+ lbs)

Passenger Capacity: 80 people

Chassis/Body Type: Transit Bus

Energy Storage Capacity: 100-545 kWh

Range: 50-260 miles

Max Charge Rate: 150 kW (depot), 450 kW (on-route)

Availability: In production

Base Price: \$750,000-\$920,000

Website: <https://www.newflyer.com/>

Sales Contact:

Daniel Trujillo
Regional Sales Manager
California

Daniel_Trujillo@newflyer.com



New Flyer XE60 – 60'

Weight Class (GVWR): Class 8 (33,001+ lbs)

Passenger Capacity: 123 people

Chassis/Body Type: Transit Bus

Energy Storage Capacity: 320-818 kWh

Range: 100-275 miles

Max Charge Rate: 150 kW (depot), 450 kW (on-route)

Availability: In production

Base Price: \$1,100,000-\$1,210,000

Website: <https://www.newflyer.com/>

Sales Contact:

Daniel Trujillo
Regional Sales Manager
California

Daniel_Trujillo@newflyer.com

NOVABUS



NovaBus LFSe+ – 40'

Weight Class (GVWR): Class 7 (26,001-33,000 lbs)

Passenger Capacity: 68

Chassis/Body Type: Transit Bus

Energy Storage Capacity: 594 kWh

Range: 211-292 miles

Max Charge Rate: 150 kW (depot), 450 kW (on-route)

Availability: In production

Base Price: Not available

Website: <http://novabus.com/>

Sales Contact:
Denton Shuey
denton.shuey@volvo.com



Sales Contact:
Bill Williams
Director, Commercial Sales
bwilliams@proterra.com

Proterra Catalyst XR – 35' and 40'

Weight Class (GVWR): Class 8 (33,001+ lbs)

Passenger Capacity: 29 and 40 people

Chassis/Body Type: Transit Bus

Energy Storage Capacity: 220 kWh

Range: 92-125 miles

Max Charge Rate: 73 kW (manual); 165 kW (overhead)

Availability: In production

Base Price: Not available

Website: <https://www.proterra.com/>



Proterra Catalyst E2 – 35'

Weight Class (GVWR): Class 8 (33,001+ lbs)

Passenger Capacity: 29 people

Chassis/Body Type: Transit Bus

Energy Storage Capacity: 440 kWh

Range: 172-240 miles

Max Charge Rate: 132 kW (manual); 330 kW (overhead)

Availability: In production

Base Price: Not available

Website: <https://www.proterra.com/>

Sales Contact:

Bill Williams

Director, Commercial Sales

bwilliams@proterra.com



Proterra Catalyst E2 and E2 max – 40'

Weight Class (GVWR): Class 8 (33,001+ lbs)

Passenger Capacity: 40 people

Chassis/Body Type: Transit Bus

Energy Storage Capacity: 440 kWh (E2); 660 kWh (E2 max)

Range: 163 – 232 miles (E2); 221 – 329 miles (E2 max)

Max Charge Rate: 132 kW (manual); 330 kW (overhead)

Availability: In production

Base Price: Not available

Website: <https://www.proterra.com/>

Sales Contact:

Bill Williams

Director, Commercial Sales

bwilliams@proterra.com

SECTION 7

Double Decker Electric Transit Buses



BYD C8MS – 35' Double Decker

Weight Class (GVWR): Class 8 (33,001+ lbs)

Passenger Capacity: 51 people

Chassis/Body Type: Transit Bus

Energy Storage Capacity: 313 kWh

Range: 170 miles

Max Charge Rate: 80 kW

Availability: In production

Base Price: Not available

Website: <http://en.byd.com/usa/>

Sales Contact:

Patrick Duan

Vice President of Operations

patrick.duan@byd.com



GreenPower EV550 – 45' Double Decker



Sales Contact:

Ryne Shetterly
Vice President
Sales & Marketing

ryne@greenpowerbus.com

Weight Class (GVWR): Class 8 (33,001+ lbs)

Passenger Capacity: 100 people + standees

Chassis/Body Type: Transit Bus

Energy Storage Capacity: 478 kWh

Range: 240+ miles

Max Charge Rate: 200 kW

Availability: In production

Base Price: \$1,069,000

Website: <http://www.greenpowerbus.com/>

Thank you.

See more electric vehicles offerings and specs at CALSTART:
<https://globaldrivetozero.org/resources/zero-emission-technology-inventory/>

Want to learn more about the program, visit
sdge.com/business/electric-vehicles/lovelectric

Ready to talk to a customer onboarding specialist, visit
sdge.com/mdhd-interest-form

