

Where are Proterra batteries made?

Our batteries are designed from the cell level up for commercial and industrial usage and have industry-leading energy density, a flexible design, and ruggedized commercial-grade housing. Designed in Proterra's Silicon Valley and manufactured in Greer, South Carolina, by the best minds in battery engineering.

What is a Proterra S series battery?

The Proterra S series batteries already power medium- and heavy-duty applications on the roads throughout North America. Battery packs in the S series have a width of 860 mm and can contain up to 123 kWh of energy storage per pack.

How many kWh is a Proterra battery?

The middle battery size (available for 35-foot and ZX5 40-foot buses) also got a boost from 450 kWh to 492 kWh, which is 42 kWh or 9.3% more. The outgoing 450 kWh battery version was rated at 172-240 miles (277-386 km) of range. A gradual increase in battery capacity is not a new thing for Proterra.

How safe is a Proterra battery?

Every Proterra battery operates with state-of-the-art safety features, including cell-level passive propagation resistance (PPR). With PPR, in the rare event of a single battery cell failure with a thermal event, the issue would not spread to neighboring battery cells.

What is the Proterra battery pack & module architecture?

The Proterra battery pack and module architecture also allows for easy separation of components for recycling purposes, allowing for 100% of aluminum used in the battery pack to be recycled.

Are Proterra EV batteries good for commercial vehicles?

Our flexible design enables Proterra's EV batteries to be the best choice for commercial vehicles ranging from transit buses and trucks to delivery vehicles, construction equipment, and more. The Proterra S series batteries already power medium- and heavy-duty applications on the roads throughout North America.

Proterra Inc. filed for Chapter 11 bankruptcy protection on Monday, Aug. 7. (Photo: Alan Adler/FreightWaves) Cash-strapped electric bus and battery maker Proterra Inc. filed for Chapter 11 ...

BURLINGAME, Calif., Jan. 19, 2023 (GLOBE NEWSWIRE) -- Proterra Inc (NASDAQ: PTR) today announced plans to concentrate electric bus and battery manufacturing at its larger South Carolina ...

Proterra's new battery-electric transit vehicle, the Proterra ZX5, can now be equipped with 675 kWh of energy, the most energy storage of any 40-foot electric bus available in the market today.

*Range calculations based on WVU 5-Peak cycle at 76-88°F with 113kWh Proterra battery and

installed bus body. Operating efficiency will vary with route conditions, vehicle configuration, ambient temperature, driving habits, etc. 113 kWh. Proterra Battery. 280 kW. Traction Motor ~70 mph / 112 kph. Max Speed.

Dive Brief: Battery and electric bus maker Proterra sold its battery business to Sweden-based Volvo for \$210 million in a deal made public this month.; After filing for Chapter 11 bankruptcy in August, Proterra put three business units up for sale, including the Proterra Powered segment, which manufactures batteries for medium- and heavy-duty commercial ...

BURLINGAME, Calif., October 10, 2024--Taylor Machine Works and Proterra, a leading innovator in commercial vehicle battery technology, today announced a new agreement to power Taylor's ZLC and ...

- Proterra, a leading innovator in heavy-duty electric transportation, today announced the opening of a new battery production line co-located in its EV bus manufacturing facility in Los Angeles County. The new battery production line will manufacture Proterra's industry-leading battery packs featuring new, next generation cells and will create dozens of ...

Proterra and Vicinity Motor Corp. announce multi-year supply agreement to power the Vicinity Lightning(TM) and strip chassis platform for commercial electric vehicles with Proterra battery ...

Read "Proterra Gets OK For \$210M Battery Biz Sale To Volvo." (subscription) You May Also Be Interested In: December 06, 2024 Press Release Annette Jarvis Featured in Women in Workouts List 2 min read. December 05, 2024 - December 06, 2024 Event ... Singapore? Tallahassee; Tampa; Tel Aviv^ ...

Taylor Machine Works Selects Proterra Battery Technology to Power Electric Port and Industrial Equipment. October 10, 2024; Amanda Morris; BURLINGAME, Calif.- Taylor Machine Works and Proterra, a leading innovator in commercial vehicle battery technology, today announced a new agreement to power Taylor's ZLC and ZEC-series electric container ...

Electric truck maker Nikola Corp said on Tuesday it has entered into a deal with Proterra Inc for the long term supply of batteries for its semi-trucks.

These facilities, combined with the expertise of the Proterra team, are expected to significantly enhance Volvo's existing infrastructure, driving forward the company's innovation in battery-electric vehicles. See also: Proterra Announces EV Battery Factory in South Carolina as Demand for Commercial Electric Vehicles Grows

Proterra to commit upfront a low nine-figure dollar sum to secure long-term supply of cylindrical cells manufactured at LG Energy Solution U.S. plant for industry-leading commercial EV battery ...

Electric truck maker Nikola Corp said on Tuesday it has entered into a deal with Proterra Inc for the long term

supply of batteries for its semi-trucks. Nikola's trucks fitted with Proterra's ...

, Proterra and Daimler Truck North America have collaborated utilizing Proterra's battery technology. Together, the companies said they have delivered more than 1,000 Thomas Built Buses electric school buses and FCCC MT50e last-mile delivery vehicles to school districts and fleet operators across North America.

Powered 1 is Proterra's first purpose-built, high-volume battery production plant in the Eastern United States with multiple gigawatt hours of annual production capacity planned at the facility.

BURLINGAME, Calif., Nov. 10, 2021 (GLOBE NEWSWIRE) -- Proterra Inc (NASDAQ: PTRA), a leading innovator in commercial vehicle electrification technology, today announced an expansion of its ...

Proterra has unveiled the H Series battery packs, a newest series which stands out for the customizable energy storage system. The new, narrower H Series battery packs were designed to package into standard truck frame rails and increase packaging flexibility for Proterra Powered customers, i.e. the third part manufacturers that adopt Proterra electrified drivetrain.

Proterra batteries feature passive and active safety features, liquid thermal conditioning, and adheres to state-of-the-art functional safety standards, including ISO 26262 (up to ASIL C). The Proterra battery is designed to deliver over 4,000 recharge cycles over 10 years, without significant degradation, to ensure the longevity of the vehicle.

Electric truck maker Nikola Corp said on Tuesday it has entered into a deal with Proterra Inc for the long term supply of batteries for its semi-trucks. Nikola's trucks fitted with Proterra's ...

Proterra's new battery system manufacturing facility will be located at the 42.76-acre Carolina Commerce Center in Greer, South Carolina near Proterra's electric bus manufacturing facility in ...

Volvo Group has been selected as the winning bidder in an auction for the business and assets of the Proterra Powered business unit at a purchase price of USD 210M. The transaction between Proterra Inc. and ...

Next-generation Taylor ZLC-series electric container handler Proterra will supply battery technology to power Taylor's next-generation material handling equipment All-electric, next-generation ...

Proterra batteries are purpose-built for commercial applications, proven on the road through more than 13 million miles in service in heavy-duty applications...

PROTERRA®; Battery Pack Features & Specifications. proterra . PROTERRA BATTERY PACK. PARAMETER. UNIT. SPECIFICATION. ENERGY DENSITY. Gravimetric Energy ...

Under a new, multi-year supply agreement, Proterra will supply its S-Series battery system to power ENC's

Axess ® Battery Electric Bus (EVO-BE) that will be available to ...

Under a new, multi-year supply agreement, Proterra will supply its S-Series battery system to power ENC's Axess ® Battery Electric Bus (EVO-BE) that will be available to transit agencies in 32 ...

The company says that starting in 2023, the 40-foot Proterra ZX5 Max transit bus model will get a 738 kWh battery option, which will be the highest value in its segment in the North American...

Under a new multi-year supply agreement, Proterra contracted to supply battery systems totaling more than 900 megawatt hours in battery storage capacity to Lightning eMotors to power up to...

On the 1st February 2024 Volvo announces it has completed th acquisition of battery business from Proterra.The intention was announced in November 2023, when Volvo Group had been selected as the highest bidder in an auction for the business and assets of the Proterra Powered unit.. Volvo states in a press note that it "intends to run Proterra as a going concern and deliver ...

PROTERRA® Battery Pack Features & Specifications. proterra . PROTERRA BATTERY PACK. PARAMETER. UNIT. SPECIFICATION. ENERGY DENSITY. Gravimetric Energy Density. Wh/kg. Up to 178. Volumetric Energy Density. ... Battery S& H Spec Sheet_May 2024 Author: Marissa Keisler Keywords: DAFgGdH8-hc,BAFdefjI-kE

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