

How far can a Solaris battery go?

Solaris High Energy batteries with similar parameters guarantee a driving range of around 300 km in diverse road and weather conditions. The energy storage systems can be charged using one of the two plug-in sockets, one placed above the wheel arch, and another one at the front of the vehicle.

Which Solaris electric bus is best?

The Urbino 12 electric bus is the flagship electric model by Solaris, selected most often by its customers. This very well-known vehicle is however equipped with new-generation high-capacity batteries, which means even better performance. The second model to be displayed at Solaris's stand is the Urbino 18.75 electric bus.

Why is Solaris a leading electric vehicle manufacturer in Europe?

For many years Solaris has been one of the leading electric vehicle manufacturers in Europe. Over 2,500 battery-powered buses have already been supplied to or contracted by public transport operators in nearly 120 European towns and cities. Transforming urban transport towards sustainable and resident-friendly solutions is a priority for Solaris.

What is Solaris Bus & Coach presenting at Transexpo 2022?

Solaris Bus & Coach is presenting two electric vehicles at the 16th International Fair of Public Transport - Transexpo, to be held from 12th to 14th October 2022 in Kielce: the flagship electric model of the manufacturer - Urbino 12 electric, and the articulated Urbino 18.75 electric, both featuring new-generation batteries of very high capacity.

Is Solaris a good e-mobility company?

Solaris has been committed to e-mobility for many years now, by focusing its development activities on zero-emission and city-dweller-friendly solutions. It is however worth mentioning that the manufacturer does not focus only on battery-powered buses, it also invests in the development of trolleybuses and hydrogen vehicles.

How many hydrogen buses does Solaris have?

Solaris has now two hydrogen buses in its portfolio: the Urbino 12 hydrogen and the articulated Urbino 18 hydrogen that was launched on 14 September 2022. This new model is equipped with the state-of-the-art hydrogen fuel cell of 100 kW and a modular drive system, i. e. a novel solution that allows for flexible component installation.

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Through the usage of old cells recovered from discarded battery-powered products, Solaris Offgrid's engineers are creating second-life battery packs that can be smoothly integrated with several solar products.

3 ???· The battery passport is a digital document providing detailed information on the battery's origin and composition, fostering more responsible and sustainable raw material management. Solaris delivered the battery passport vehicle three years ahead of EU regulations, which will require a battery passport in all electric vehicles starting in 2027.

Discover the Deye Lithium Battery 51.2V 200Ah SE-G10.2. A cutting-edge LFP battery designed for safe, reliable, and flexible energy storage. Perfect for residential and commercial applications available in Solaris Dbayeh

3 ???· Solaris has delivered to Berlin the Urbino 18 electric bus, the world's first series-produced to feature a battery passport. The model is equipped with Solaris High Energy batteries with a capacity of about 700 kWh. It is the first of 50 articulated electric buses ordered by BVG Berlin at the end of 2023, with the entire order set to be completed by 2025.

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LATEST DEVELOPMENTS IN SOLARIS BATTERY FIELD. Watch Pawe? Swoboda's presentation at Busworld 2023. In light of the rapid expansion of electric vehicles on our roads, we are witnessing a significant increase in the number of batteries powering these vehicles. As batteries become key components, there is an urgent need for specialised ...

Discover the Deye Lithium Battery 100Ah 51.2V SE-G5.1. A cutting-edge LFP battery designed for safe, reliable, and flexible energy storage. Perfect for residential and commercial applications available in Solaris Dbayeh

Discover the Deye SE-G5.1 Pro-B, a safer and eco-friendly home battery storage system with a cobalt-free Lithium Iron Phosphate (LFP) battery. It offers high efficiency, high power density, and a long lifespan. The intelligent BMS provides complete protection, and the system supports high discharge power. With a flexible design, it's easy to expand up to 64 units in parallel, offering a ...

2 ???· On December 17, Solaris announced that it has delivered the world's first series-produced bus with a battery passport, the Solaris Urbino 18 electric model, to the BVG fleet in Berlin, Germany. The battery passport is a digital document that provides detailed information about the battery's origin and composition, p....

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"That means, for example, if we used four Solaris High Power battery packs in an Urbino electric, for 116 kWh total, we could charge that bus at up to roughly 450 kW. Solaris has found that the higher capacity batteries tend to be ordered by companies wanting relatively less plug-in and pantograph charging infrastructure.

capacity of the battery pack

- o SOH -- State of Health is an important indicator of the battery's health
- o Manual fault reset functionality
- o Fail-safe technology -- Including multiple contactors that are controlled by the BMS
- o Pre-Charge Circuit - Mitigates high current demand when the battery is turned on.

Discover the Robuste Lithium Battery Wall Mounted 200Ah 51.2V - a high-capacity and efficient energy storage solution from Robuste. This wall-mounted lithium-ion battery is designed to provide reliable and long-lasting power storage for various applications, including solar energy storage, backup power systems, and off-grid installations. With a capacity of 200Ah and a ...

4 ???· Solaris delivers e-bus with battery passport. Solaris has delivered to Berlin the Urbino 18 electric bus, the world's first series-produced to feature a battery passport. The model is ...

In 2020, Solaris Offgrid was chosen as one of the winners of round two at the Global LEAP Solar Awards. Today, our Product Development Services team keeps thriving in the development of a smart battery pack set to revolutionise the energy access industry, by decreasing the cost of energy storage for the end-user, while also reducing the amount of e ...

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