

What is Weichai Power?

Weichai Power is a leading player in China's hydrogen industry in the transportation sector. It is the largest heavy duty truck ICE (Internal Combustion Engine) producer in China. Weichai formed a joint venture with Bullard in 2018 to develop hydrogen fuel cell engines. Weichai itself has also been developing its proprietary hydrogen combustion engines since 2018.

Is Weichai Power a high-tech enterprise?

In August 2003, Weichai Power was recognized as a high-tech enterprise by Shandong Science and Technology Agency. On March 1, 2004, Weichai Power passed the ISO/TS16949 quality management system certification.

Who is Weichai new energy power technology?

Established in September 2017, Weichai New Energy Power Technology Co., Ltd. is a holding subsidiary of Weichai Power, committed to facilitating the delivery of the group's new energy vehicle and machine strategy.

Who are Weichai Power's strategic partners?

On January 15, 2020, Weichai Power signed strategic cooperation agreements with Germany's ARADDEX AG and Austria's VDS Holding GmbH in Jinan, Shandong Province, embarking on a new journey of cooperation.

Who accredits Weichai new energy test center?

Weichai New Energy Test Center has more than 100 sets of world leading fuel cell components, systems and other professional testing equipment that has been accredited by China National Accreditation Service for Conformity Assessment (CNAS).

China Automotive Technology and Research Center Co., Ltd., Tianjin 300300, China ... DongFeng, Shaanxi Automobile, GAC, Cummins, Weichai Power, etc., are actively developing vehicle products that provide driving power for direct combustion of hydrogen (referred to as ... energy storage, industry and other fields will be built.

Previously, WEICHAI started the "ten strategic new engines", such as new energy powertrain, smart technology, smart agriculture, energy and power microgrid, and service-oriented manufacturing, and took out 100 million yuan ...

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Delta secures licence to hydrogen energy technology from UK-listed Ceres to develop its fuel cell and

electrolysis solutions ... Ceres signs joint development and equity agreements with a long-duration energy storage ...

MITEI's three-year Future of Energy Storage study explored the role that energy storage can play in fighting climate change and in the global adoption of clean energy grids. Replacing fossil ...

In the morning of April 17, 2023, Tan Xuguang went to the power battery PACK factory of Weichai New Energy Power Technology, and had in-depth exchanges with R& D staff on power battery (liquid lithium battery, solid lithium battery), ...

Keeping aligned with the national R& D platforms such as the National Fuel Cell Technology Innovation Center, the National Commercial Vehicle Powertrain Assembly ...

Westport Innovations, the global leader in natural gas engines, announced the introduction of China's first natural gas engine featuring Westport high pressure direct injection (HPDI) technology at a press conference at the government building in Beijing, the Beijing Diaoyutai State Guesthouse. Speaking at the press conference was Tan Xuguang, Weichai ...

Sweden's Vatten Fall has established Europe's first hydrogen-wind energy renewable energy power plant, which uses wind energy to produce hydrogen. Taking China as an example to introduce component production, stack companies are supported by independent research and development and technology introduction, such as Guangdong Guorui, Weichai.

As a high-quality research result in the development strategy of domestic hydrogen energy industry, the white paper systematically studies the positioning of hydrogen ...

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Weichai always adheres to the operating strategy of using both product management and capital operation as the driving force, and constantly enhances its products' core competitiveness in terms of cost, technique and quality to successfully build a new pattern of joint development consisting of four key sectors -- powertrain (engines, transmissions and ...

The application of this technology will help Weichai Power lead the world in a full spectrum of diesel engines, be of great strategic significance to promoting the energy-efficient and green development of China's traditional ...

The development of an integrated "photovoltaic power generation--PEM hydrogen production--solid-state hydrogen storage--hydrogen combined heat and power supply" ...

Weichai Power takes "Green Power, International Weichai" as its mission, takes "customers" maximum satisfaction" as its aim, and has formed unique enterprise culture. Weichai's strategy: The traditional business shall remain a world-class level by 2025, and the new energy business shall lead the development of the global industry by 2030.

Weichai has also established a central research institute, eight research centers and a national-level combustion and powertrain system lab to support the development of ...

In the process of cooperation and development between Weichai and AVL, the two sides have worked together to create the industry's most cutting-edge core technologies in many scientific and technological fields, ...

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In the Weichai Power Science and Technology Research Institute, which was launched this time, Weichai has built a product test center in the direction of traditional power, with 154 test benches. ... Empowering Hebei's ...

The National Fuel Cell Technology Innovation Center takes Weichai Power as the main body, and cooperates with Tsinghua University, Dahua Institute of Chinese Academy of Sciences, China National Heavy Duty ...

Weichai brought its diesel engines, gas engines and special energy storage equipment for oil fields to display a full range of all-field power solutions for oil and gas fields. WP15H industrial diesel engine is mainly for workover rig ...

Group profile. Weichai is a multi-field and multi-industry international group which owns powertrain, commercial vehicle, agricultural machinery, construction machinery, intelligent logistics, marine mobility and other business segments.

Tan Xuguang and Sun Nannan, assistant general manager of Weichai Power and president of Future Technology Research Institute, jointly unveiled the laboratory. Tan Xuguang said that the official opening of the ...

Weichai power is an integrated research and development manufacturing company of power system. It is the

only enterprise in the world with a full range of medium and high-speed engines for all applications. ... Weichai Lovol Intelligent agricultural equipment is the largest agricultural equipment manufacturing enterprise in China, with its ...

A battery energy storage system (BESS) or battery storage power station is a type of technology that uses a group of to store . Battery storage is the fastest responding on, and it is used to stabilise those grids, as battery storage can transition from standby to full power in under a second to deal with .

Weichai's new General Institute of Science and Technology has fully integrated engine research institute, large bore engine research institute, hydraulic transmission research institute, new energy research institute, ...

Weichai Hydraulics. Weichai New Energy. Ferretti Group. Yangzhou Asiastar. Zhuzhou Gears. Weichai Torch. Baudouin. ... the National Commercial Vehicle Power System Assembly Engineering Technology Research Center, the National Industrial Design Center, the National Internal Combustion Engine Product Quality Inspection and Testing Center, the ...

Progress and prospects of energy storage technology research: ... With the large-scale generation of RE, energy storage technologies have become increasingly important. Any ...

TIANJIN, China, April 20, 2024 /PRNewswire/ -- On April 20, 2024, the 2024 World Congress on Internal Combustion Engines grandly commenced in Tianjin, China, showcasing the industry's latest technological advancements. At the ...

In the field of developing and applying key technologies and equipment for hydrogen power systems, Shandong Province has achieved groundbreaking advances in key components such as fuel cell engine series, power batteries, hydrogen storage systems at 35MPa/70MPa, and thermal management systems.

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GEL Battery



Lithium Battery



Container storage system



Power Battery