



Hongyan Battery

How much power does a Hongyan truck have?

HONGYAN hydrogen-power heavy-duty truck comes standard with 100.3Kw.h CATL battery with a torque range of 1600-2500N.m. In addition, it is equipped with a high-power hydrogen reactor system developed by Jieqing Technology, which is able to develop an output rated power of up to 117 kW and peak power at 120Kw.

How long can a SAIC Hongyan battery last?

Having passed severe tests at high altitudes, in extremely high or low temperatures, SAIC Hongyan electric heavy-duty trucks are equipped with lithium iron phosphate batteries made by CATL and are able to drive 200 km continuously. In addition, their batteries can be replaced in just five minutes.

Are Hongyan charging-swapping trucks suitable for short haul transport?

Hongyan's charging-swapping trucks are particularly applicable for short haul transport due to its high speed, quick acceleration and quick replacement of battery. The battery is provided by CATL and its energy density is up to 282 kWh and can be replaced in 3 to 5 minutes. The rated power the motor produce is at 250 kW, and peak power is at 360 kW.

What is Hongyan 1?

Hongyan 1 is a prototype satellite for CASC's +300 satellite Hongyan broad-band LEO communications constellation. The first Hongyan satellite was launched on a CZ-2D (2) YZ-3 rocket and went into a 1100-kilometer orbit to test L- and Ka-band communications technologies.

What is SAIC Hongyan hydrogen-powered heavy truck?

SAIC Hongyan Hydrogen-powered Heavy Truck is fitted with a fuel cell system, which is independently developed by JieHydro. The fuel cell system enables clients to access world-class power density and efficiency, and can effectively meet the demand for multiple applications with the hydrogen consumption per 100 kilometers as low as 7.5kg- 14kg.

How much hydrogen does a Hongyan truck use?

HONGYAN claims that its hydrogen-powered truck requires about 7.2-14.5kg of hydrogen per 100km, thus ensuring a high vehicle attendance rate. Generally, Ordos enjoys a climate with the lowest recorded temperature of up to -30° (degrees celsius). Even in such an extreme condition, SAIC HONGYAN truck can still start up in 30 seconds.

hongyan yao. Jilin University. ? mails.jlu .cn ??????????. polyimide?crosslinked polymer?organic electrode materials?organic lithium-ion battery. ?? ???? ?????????? ?????. ?? . ?? . ??????? ?????? ??????. ???? . ???? . ??; Recent development of thermoelectric polymers and ...



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With its motor reaching a rated power of 250 kw and a peak power of 360 kw, the electric heavy-duty truck delivers impressive power performances. In addition, it only takes ...

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The Hongyan Genlyon 49-ton fuel cell tractor, which was put into the logistics and transportation of auto parts in Jiading and Lingang, is equipped with a 127kWh CATL power battery with a maximum torque of 1600-2500N.m. The P3X fuel cell system can achieve a rated power output of 117kW and a system peak power output of 120kW. Its ...

SAIC Hongyan brought the latest achievement integrating intelligence and environmental protection, '5G+L4' hydrogen fuel cell heavy truck, which attracted the general attention of guests and logistics companies. This model adopts the hydrogen intelligent driving chassis developed on the basis of the SAIC Hongyan Genlyon H6 technology platform.

Hongyan Genlyon H6 6X4 Battery-Swapping Electric Tractor Truck(CQ4250BEVSS404)282kWh. Hongyan Genlyon H6 18T 4X2 Swappable Electric Tractor Truck 282kWh. Hongyan Genlyon H6 25T 6X4 Hydrogen Fuel Cell Tractor Unit(CQ4250FCEVSS404A) Hongyan Genlyon C6 PLUS Light Weight Version 560HP 6*4 Tractor(CQ4257HV11334) Hongyan Genlyon H6 25T 6X4 ...

Battery swapping key for heavy-duty trucks 2023-01-18 LIU YUKUN. A SAIC Hongyan heavy-duty electric truck is displayed during a vehicle expo in Beijing in September. Heavy-duty electric trucks that rely on battery swapping as a power source are on a fast track thanks to supportive policies and growing market demand, experts said. The owners of these ...

Potassium Storage In article number 2204045, Hongyan Li and co-workers present a unique spindle-like bismuth-based composite (SPB@NC) employed as anode for a potassium ion battery, which ...

Zhejiang Hongyan Electric Co., Ltd. is a leading high-tech enterprise that specializes in providing comprehensive power quality and power saving solutions. With their extensive expertise in the field, they offer a range of services, ...

The first phase of the project, which is expected to be put into production by the end of 2022 or perhaps early 2023, has a capacity to produce up to 12000 units of new energy heavy-duty trucks, 3000 hydrogen fuel cell batteries and hydrogen systems per year. The second phase, which is scheduled to go into production in 2024, aims to ...

The battery is provided by CATL and its energy density is up to 282 kWh and can be replaced in 3 to 5 minutes. The rated power the motor produce is at 250 kW, and peak power is at 360 kW. At the same time, different modular charging/replacement solutions that support a range of 80km, 160km and 200km can be provided according to the ...

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