

What is Picea & how does it work?

There is nothing comparable on the market worldwide. picea stores solar power from your own roof for your home - especially for the winter months. 24 hours a day and up to 365 days a year, 100% CO₂-free. With picea, you declare your own independent energy transition and pioneer a future without CO₂ emissions.

Is Picea CO₂ free?

CO₂-free, without exhaust fumes, noise or harming animals. With picea, we at HPS have developed a globally unique solution that stores this solar power in the form of hydrogen and can release it on demand 365 days a year. We are HPS and we want to make history.

What's new with Picea 2?

The interior energy unit of picea 2, in comparison to its predecessor, is now easier to install with a weight reduction of over 70 percent and a smaller footprint. picea 2 can now be installed in low basements or other suitable locations within the home.

Can a Picea cluster help a sanitary and heating company?

A sanitary and heating company in Meckenheim, for example, is supplied with completely CO₂-neutral electricity from 5 picea systems. With a picea cluster, we will be able to form a "virtual power plant" in future - this will provide a solution for a missing component of the energy transition.

Why should you choose Picea 2?

The new generation of picea also provides a significantly increased maximum connection capacity for photovoltaic systems. As a result, picea 2 aligns with a discernible market trend toward larger photovoltaic installations. Thanks to its new power electronics, picea 2 exhibits higher efficiency and enables even greater levels of self-sufficiency.

What does HPS do?

HPS is a global leader in the development and production of integrated energy storage systems based on green hydrogen for buildings. With the innovative year-round energy storage system, picea, HPS addresses critical aspects of the energy transition.

Residential all-in-one solution, Picea. Zusmarshausen, Germany. A home in Zusmarshausen, Germany now boasts a 100% emission-free system. Energy storage, heating support and ventilation are provided by the all-in-one product Picea by HPS which includes Enapter's unique electrolyser technology.

In this way, the forester enables the individual picea to work together in one application, the multi-picea solution. picea is the Latin term for spruce. A picea avoids around three tons of CO₂ per year. This corresponds to the amount of CO₂ that 130 spruce trees bind each year. The forester takes care of up to ten

picea.

Picea is the Latin term for spruce and a Picea system saves three tons of CO₂ a year, or as much as 130 spruce trees. As the control unit is able to manage up to 10 Picea at the same time, it takes care of an entire "forest," so to ...

HPS entwickelt ein System, durch das sich Ihr Haus mit nachhaltiger, sauberer und regenerativer Energie versorgt. ... Energiewende und machen Sie den Schritt in eine selbstbestimmte, sichere und CO₂-freie Zukunft. mehr zu picea 2 picea ...

Berlin, November 8, 2021 - The network of cooperation partners of HPS Home Power Solutions (HPS), provider of picea, the world's first full-year electricity storage based on green hydrogen, is continuously growing. During the last months, HPS could win several new partners.

Electronics Production | December 09, 2020 Zollner to handle the production of HPS Home Power Solutions" picea system The picea hydrogen-based energy storage system, developed by Berlin-based HPS Home Power Solutions, is being manufactured at the Zollner Elektronik AG plant in Altenmarkt near Cham, Germany.

Each house will have a photovoltaic system on the roof and a picea in the basement. A central hydrogen storage system will further optimise the overall costs for the housing estate. Interconnecting the system will provide all ...

With around 100 times larger storage capacity (up to 1500 kilowatt hours) at 30% of the specific cost compared to other commercially available home batteries, the Picea system drastically increases the benefit of ...

HPS Home Power Solutions AG has introduced a new version of its Picea system, a hydrogen-based electricity storage solution for residential applications.. The 15 kW Picea 2 system offers 1,500 kWh ...

Hydrogen production costs presented in Table 1 assume uninstalled PEM electrolyzer system capital cost from \$1,000/kW to \$1500/kW based on costs vetted by electrolyzer OEMs (\$800/kW to \$1,500/kW) at the current U.S. production capacity of approximately 10MW/yr [4]. Even with capital costs at the high end of the range (\$1,500/kW), H. 2

Consisting of a battery, an electrolyser, a hydrogen fuel cell, and hydrogen storage, the HPS Picea™; combines several of the most promising new developments in the energy industry into one package - unlocking a level of energy autonomy never before seen in a consumer product: 100% off-grid clean and CO₂ free energy, year round, plus, up to 50% ...

Picea besteht aus einer Batterie, einem Elektrolyseur, einer Wasserstoff-Brennstoffzelle und einem Wasserstoffspeicher. Laut HPS ist mit dem System über das ganze Jahr hinweg eine



Spain hps picea cost

netzunabhängige, CO 2-freie Energieversorgung möglich. Durch die Nutzung von Abwärme erlaube Picea zudem Kosteneinsparungen beim Heizen von bis zu 50 Prozent.

HPS: Energiezentrale der picea 2. HPS hat bei der neuen Generation picea 2 seines Ganzjahres-Stromspeichers die Ausgangsleistung auf 15 kW verdoppelt, sodass auch ein höherer Bedarf beim Laden von Elektroautos gedeckt werden kann. Bei einem externen Stromausfall gewährleistet die verstärkte Ersatzstromversorgung, dass wichtige Verbraucher ...

????PICEA 2????15kW????1,500kWh???? HPS????,??????????,????????????????????,????????????????

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To ensure full cost transparency and planning security for you, HPS offers you a service contract. Proper maintenance and service is performed by HPS. The service contract costs EUR 499.80 ...

Web: <https://worldtheologicaluniversity.co.za>

