

How much does a Picea system cost?

HPS starts the distribution of the Picea system with 54,000 euros- excluding installation in the house. Of course, the hope is that the prices will drop fast with the number of systems produced and installed. Viessmann offer the Vitocal 300-P for less than 20,000 euros and SolidPower its BlueGen for around 25,000 euros.

Does HPS offer a warranty on a Picea 2?

The design is modular and easy to maintain. HPS takes care of the installation and offers long-term maintenance contracts. The picea 2 warranty explicitly includes all included parts such as battery, electrolyser and fuel cell. The 5-year warranty is optionally extendable to 10 years. We always keep the software of your picea up to date.

How does Picea work?

To compensate for the lack of solar output in winter, picea uses hydrogen (H<sub>2</sub>). picea uses excess electricity in summer to produce hydrogen from water. In winter, this process is reversed and electricity is generated from hydrogen. The storage and use is completely emission-free. The energy centre is located in the basement or utility room.

Is Picea CO<sub>2</sub> free?

CO<sub>2</sub>-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.

How many kilowatts does Picea generate?

Picea generates eight kilowatts of single-phase electricity which it feeds into the domestic grid. Up to 20 kilowatts can be made available for a short period. This system does not have to be connected to the grid, it can self-sufficiently power a home. The required battery storage is already integrated.

Can Picea power a home?

Installation of Picea in a home. This March, Home Power Solutions (HPS) from Berlin is rolling out its new fuel cells for home energy supply - a perfect combination with solar generation. Picea can generate both electricity and air heating. But unlike others (Viessmann, SolidPower) HPS do not take the extra step of using natural gas.

The smallest version of the Picea 2 costs 99,900 euros. The gross price is the same as the net price, as the sales tax for the device, including storage units, is zero percent. With more storage capacity, the cost rises to up to 140,000 euros. This applies to a new construction where the installation can also be planned.

picea is installed in your single-family home and supplies you with CO<sub>2</sub>-free electricity up to 100% around

the year and around the clock. picea is powered only by the sun via photovoltaic modules on the roof. Your solar power ...

With picea, you declare your own independent energy transition and pioneer a future without CO<sub>2</sub> emissions. You are also largely immune to electricity price increases and even power outages - you are maximally independent.

The picea home storage system from Home Power Solutions (HPS) supplies renewable energy by combining conventional storage with green hydrogen. The system comprises a battery (25 kilowatt hours) as a short-term storage device and alkaline electrolysis (with an efficiency rating of 70 to 80 per cent) for seasonal chemical energy storage (1500 ...

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HPS has developed a fully integrated system providing for all electricity and heat demand. Use of hydrogen storage and fuel cells allow for seasonal storage and a constant heat supply, with components such as battery, electrolyser and fuel cell all working together efficiently.

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Homepower HPS System - Picea. Verfasser: Markus 1970. Zeit: 21.01.2024 11:44:49. 3. 3658843 Leider kann ich das Durcheinander und die Unzuverlässigkeit von HPS nur bestätigen. Das mache ich nur schweren Herzens. Ich habe mich vor 2 Jahren mit HPS in Verbindung gesetzt es geht dabei um eine Picea mit 1500KW

HPS Home Power Solutions AG, a global leader in year-round building energy storage solutions based on green hydrogen, is pleased to announce the introduction of the new generation of picea. This latest product iteration is marked by a heightened focus on optimized customer benefits, enhanced performance, streamlined maintenance and installation ...

Comprising an extensive array of innovations, the forthcoming product generation of picea was introduced by HPS today at its new research and development facility in Berlin-Niederschönheide. Boasting a 15-kilowatt ...

Mit 15 kW verfügt der neue Stromspeicher picea 2 von HPS über die doppelte Ausgangsleistung und kann damit einen noch höheren Bedarf bedienen. Eine umfangreiche Liste an Neuerungen bietet die neueste Produktgeneration von picea, die die Home Power Solutions AG (HPS) am neuen Forschungs- und Entwicklungsstandort in Berlin-Niederschönheide ...

Eine umfangreiche Liste an Neuerungen bietet die neueste Produktgeneration von picea, die HPS heute am neuen Forschungs- und Entwicklungsstandort in Berlin-Niederschönneweide vorgestellt hat. Mit 15 ...

DATENBLATT PICEA 2 HPS Home Power Solutions AG | Carl-Scheele-Str. 16 | 12489 Berlin | +49 30 235 914 600 | sales@homepowersolutions | Stand: 14.11.2023, Änderungen und Irrtümer vorbehalten. Produkttyp: p2-00-00; Abhängig von Temperatur und Batterie-Ladezustand.

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 netzunabhängige, CO<sub>2</sub>-freie Energieversorgung möglich. Durch die Nutzung von Abwärme erlaubt Picea zudem Kosteneinsparungen beim Heizen von bis zu 50 Prozent.

Consisting of a battery, an electrolyser, a hydrogen fuel cell, and hydrogen storage, the HPS Picea combines several new developments in the energy industry in one, providing 100% off-grid clean and carbon free energy.

picea is installed in your single-family home and supplies you with CO<sub>2</sub>-free electricity up to 100% around the year and around the clock. picea is powered only by the sun via photovoltaic modules on the roof. Your solar power becomes usable as green hydrogen all year round. With picea you complete your personal energy turnaround.

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

