



The Bosch @Home House at ISH 2023

Bosch offers sustainable connectivity from a single source

March 2023

- ▶ Bosch Energy Manager cuts electricity costs by up to 60 percent
- ▶ New Compress 5800/6800i AW air/water heat pump as a connected and sustainable heating centre
- ▶ Bosch @Home House: connected with numerous smart products

Wernau – Bosch products from a single source – controlled and connected via app – for a completely efficient and climate-friendly home: The Bosch @Home House presented at ISH 2023 shows that a climate-friendly, fully connected home with products from a single source is possible. And Bosch even goes one step further, offering products such as air purifiers, air conditioners, electric and water heaters as well as devices from Bosch Smart Home, Bosch Siemens Hausgeräte, Bosch eBike Systems and Bosch Power Tools as integrated solutions. The @Bosch House combines new technologies in a single place to give trade and end customers a hands-on experience of technologies that make the home even simpler, smarter, healthier and more sustainable.

Compress 5800/6800i AW and Bosch Energy Manager form a smart energy and heating centre

The Bosch Energy Manager is at the heart of the Bosch @Home House presented at ISH 2023. It controls the energy flow of the new Compress 5800/6800i AW in a sustainable manner. The new heat pump is the quietest in its class and uses the natural refrigerant R290 (propane) in both new and existing buildings. The Bosch Energy Manager is integrated in the Bosch SmartHome Controller as software. In contrast to conventional solutions that only control the switching on and off of the heat pump, the Energy Manager intelligently manages the energy supply in a modulating manner. It starts the heat pump even when there is only little surplus power from the PV system and thus uses the advantages of the latter much more efficiently than other solutions available in the market. It allows the heat pump to run solely on the internally generated PV

electricity without using electricity from the public grid. In combination with a heat pump, PV system and energy storage tank, electricity costs can be cut by up to 60 percent. The Bosch Power Meter or the Fronius inverter allow the Energy Manager to be combined with nearly all common photovoltaic systems and storage tanks, including the new Power Charge 7000i wallbox to be launched in the second quarter of 2023; it can draw power intelligently and efficiently from the Bosch Energy Manager to charge e-vehicles with up to 11 kW of power.

Smart innovations in the Bosch @Home House at ISH

Many of the energy-efficient innovations in the Bosch @Home House have one thing in common: they can easily be controlled using the Bosch HomeCom Easy app. The new Climate 5000M multi-split air conditioner, for instance, makes it possible to conveniently control the temperature in up to five indoor units while away from home. The new Aqua 8000i S water softener in the Bosch @Home House can also be managed and controlled via smartphone. It provides protection against limescale and corrosion by reliably filtering calcium and magnesium from the water and replacing it with sodium. And in the bathroom of the Bosch @Home House, users benefit from smart and connected functions offered by the wide range of new water heaters. The Tronic 8500i, for instance, is an eye-catcher in any bathroom thanks to its stylish glass design. The fully electrified house is complemented by the Bosch Air6000 air purifier and the Bosch Vent 3000D ventilation unit as well as by the Heat Infrared 4000 P heating panels in metal, glass, mirror or ceramic versions, which provide fresh air and pleasant heat in hallways, bedrooms or bathrooms.

Household appliances, garden tools, electric tools and e-bicycles - everything is integrated and connected in the Bosch @Home House at ISH

Products from many other Bosch divisions are also supplied with climate-friendly energy in the @Home House. These include household appliances such as Cookit, ovens, hobs and vacuum cleaners from Bosch BSH, e-lawnmowers from Bosch Power Tools and rechargeable batteries from Bosch eBike Systems. Bosch Smart Home, for example, provides added security for your own home with an outdoor camera and a smoke detector. The best thing is that many consumers in the house can draw the solar power generated by the in-house PV system in a climate-friendly manner via the Bosch Energy Manager. This helps reduce energy consumption and optimise energy efficiency throughout the house. The Bosch @Home House shows that a home can be easier and smarter, more sustainable and more comfortable. Bosch partners benefit from the fact that they can now offer a cross-sector portfolio of connected and climate-friendly solutions from a single source.



Bosch press photo 01:

The new Compress 5800/6800i AW air/water heat pump is the quietest in its class and uses the natural refrigerant R290 (propane). (Source: Bosch)



Bosch press photo 02:

Since 1 January 2023, customers choosing a Compress 5800/6800i AW air/water heat pump have benefited from an additional subsidy in the form of a 5-percent refrigerant bonus. (Source: Bosch)



Bosch press photo 03:

The Air 6000 air purifier can also be controlled via the HomeCom Easy app.
(Source: Bosch)



Bosch press photo 04:

Whether metal, glass, mirror or ceramic design, the Heat Infrared 4000 P heating panels provide pleasant heat. (Source: Bosch)



Bosch press photo 05:

Starting Q3/2023, the new Power Charge 7000i wallbox will draw power from the Bosch Energy Manager to charge e-vehicles with up to 11 kW of power. (Source: Bosch)



Bosch press photo 06:

The Bosch @Home House presented at ISH 2023 shows that a climate-friendly, fully connected home with products from a single source is possible. (Source: Bosch)

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The Bosch heating and air conditioning brand offers sustainable solutions for heating, cooling and greater comfort and well-being throughout the home. The product portfolio comprises efficient, resource-saving and future-oriented heat pumps, hybrid solutions, solar thermal systems, electric water heaters, air conditioners as well as intelligent energy management systems including home charging solutions for electromobility. The product portfolio is complemented by a comprehensive range of digital tools and services that facilitate the daily work of PHC professionals. The technical solutions from Bosch cover all requirements of new buildings and modernisation projects and are quick and easy to install, simple to maintain and effortless to connect.

For maximum comfort and well-being in your own home, Bosch also offers solutions for better air and water quality. These include home ventilation systems, air purifiers and bathroom fans for clean and fresh air, and water softeners for perfect water quality throughout the home. The well-being portfolio of the Bosch heating and air conditioning brand is completed by infrared panels, bathroom radiators, electric heaters and other indoor climate solutions.

More information as well as press texts and images are available for download on the website at www.bosch-einfach-heizen.de.