

# GERMAN STANDARDS

# BRANDS OF THE CENTURY

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SPECIAL EDITION

ENERGY STORAGE  
E3  DC

# E3/DC

The home power station

Generate your own electricity, store it and use it wisely. Home and business owners who no longer want to depend on the electrical grid have come to the right place with the E3/DC. E3/DC, a brand of HagerEnergy GmbH, offers virtually zero-loss, decentralised 'all-in-one' home power stations of supreme quality. The entirely CO<sub>2</sub>-free technology of the smart electricity storage system aims for maximum energy autonomy and thus takes into account the changes in the energy market. The flagship product of the company is the S10 home power station, which was launched onto the market in 2012 and is first and foremost intended for autonomous energy management in private households and businesses. The device, which is offered in various designs and power classes, serves both as an intermediate store for privately generated electricity and as a control centre for distributing the stored power. The home power station with a ten-year warranty on all components is 100% 'Made in Germany' and distributed via over 1,000 certified installation firms. The ISO 9001-certified company has recorded ever-growing demand and expects to sell 20,000 units in Germany in 2021.

The home power station allows users to break free from fossil energy sources and to generate their own electricity round the clock. Thanks to the integrated generation, modular storage and efficient energy management system, the device is compact and flexible, and is more cost-effective than all directly comparable products of the same quality. The S10 is connected between the grid and the home network and can store and distribute electricity generated not only from solar power but also other external sources, such as cogeneration. With photovoltaics and with optimal design, 85% self-sufficiency can be achieved over the course of a year – and, depending on the concept and other energy sources, up to 100% is even possible. As a manufacturer of converters, E3/DC is developing all power electronics for the true three-phase DC storage system themselves, thus ensuring compliance with the most stringent standards of quality. And with the ever-evolving 'all-in-one' concept introduced at the end of 2014, which combines all operating modes and functions in just one device, the Lower Saxony-based system supplier offers full flexibility and superior quality for homes of all sizes and commercial enterprises and companies. Since 2020, E3/DC has also been offering a compact version of the S10 E home power station. The third and most powerful home power station, the S10 E PRO, was introduced in 2018. It is characterised by a significantly increased power output and can therefore be used in a wider range of situations, both in private and in commercial (backup power) applications. With the Quattroporte series, E3/DC



Company name

**E3/DC BY HAGERENERGY GMBH**

The classic

**S10 HOME POWER STATION  
(SINCE 2012)**

Founded

**2010 IN OSNABRÜCK**

Employees

**180 THROUGHOUT GERMANY**

Founder

**DR. ANDREAS PIEPENBRINK**

Annual turnover

**140 MIL. EUROS IN D-A-CH  
REGION (2020)**

## BRAND ESSENCE

»The home power station allows users to break free from fossil energy sources and to generate their own carbon-free electricity round the clock.«

brought onto the market a modular AC storage system that is suitable for new plants and that can also be retrofitted in existing plants.

The innovative storage system uses lithium-ion technology, which has been applied successfully in the car industry for 25 years and which is now available on a large scale at top quality. In fact, the company – which was founded by CEO Dr Andreas Piepenbrink – has its roots in the car industry. As a 100% subsidiary of Hager Group, which is based in Blieskastel, HagerEnergy GmbH is part of an independent, owner-managed family company. The range of services offered by the company includes not only linking all customer devices in the virtual power station, but also constantly improving the quality and expanding the functional diversity of the devices.

With the 'Wallbox' add-on for the power store introduced in 2014 with special charging technology for electric cars, the environmentally friendly vehicle can be driven using the energy generated by solar panels on the roof. Likewise, it will also be possible in the near future to integrate the electric car into the home system as a bidirectional battery store and to use it as a complete emergency power supply.





Deutsche Standards

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