

Become your own
energy supplier now.

Independence in a new dimension.



**Use your
energy.**



You and your house are full of energy! Your thoughts race ahead and your roof provides the energy you need. A photovoltaic system is quickly installed and is the first step to independence. But the sun often does not do what we expect it to. For this reason, E3/DC invented the home power station.



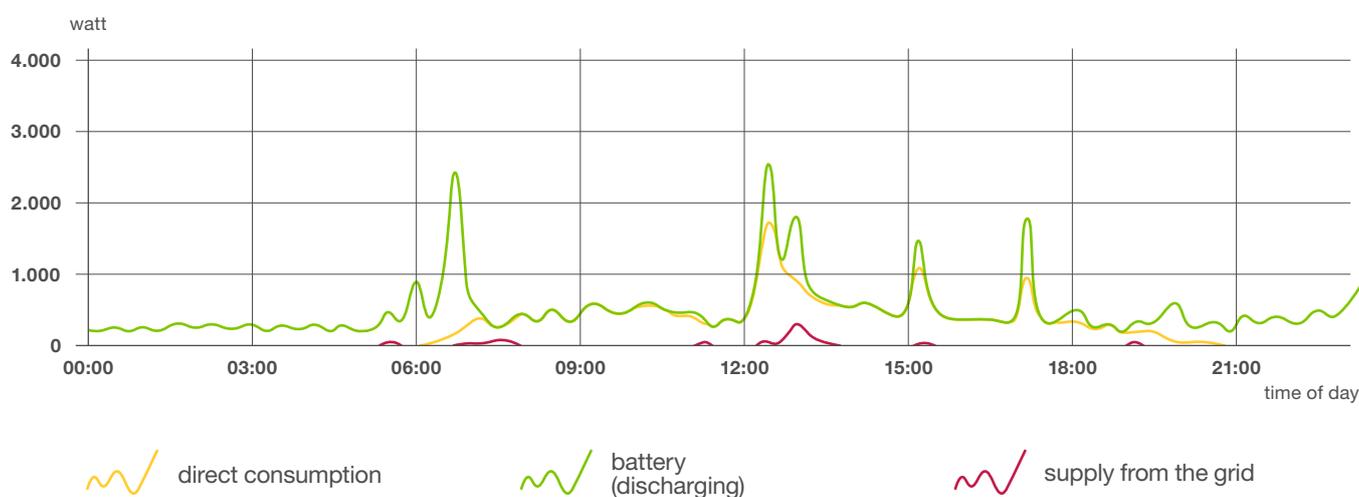
Would you like a little extra?

The home power station enables you to store your energy and use it whenever you want, for whatever you want – which pretty much means for everything that has to do with energy!

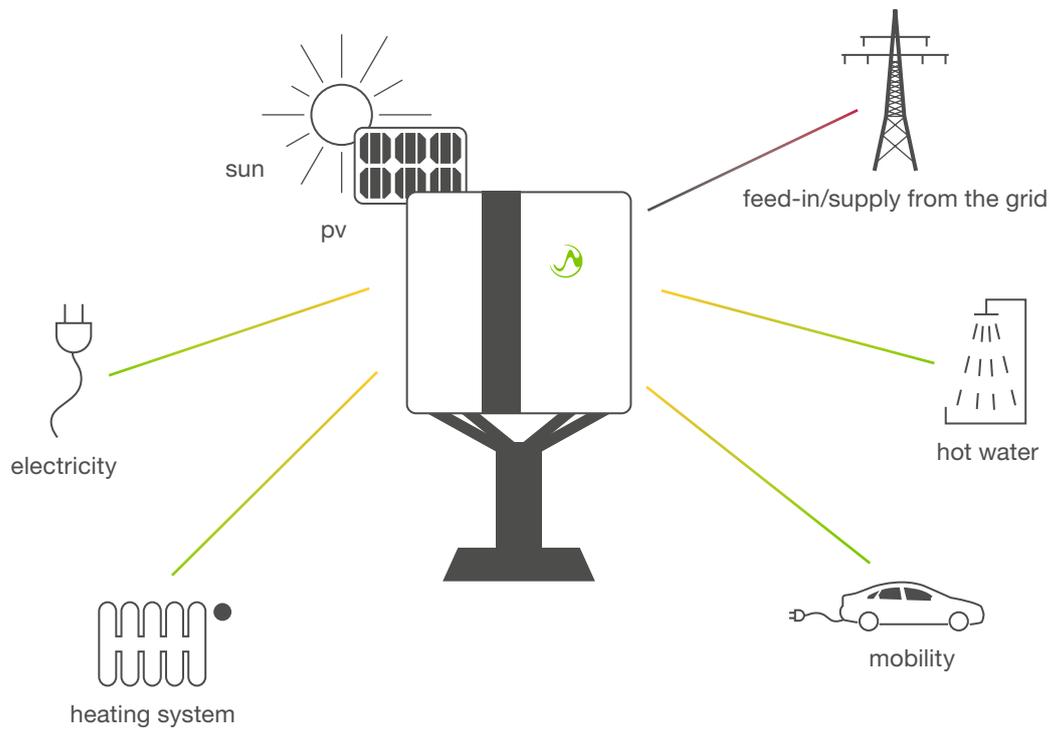
E3/DC has developed a smart energy management system that allows you to use clean solar power for heating and mobility as well. So you are well prepared for the future.

That makes you completely independent. And you won't have to be as picky about saving energy anymore. The sun is generous and doesn't send you a bill.

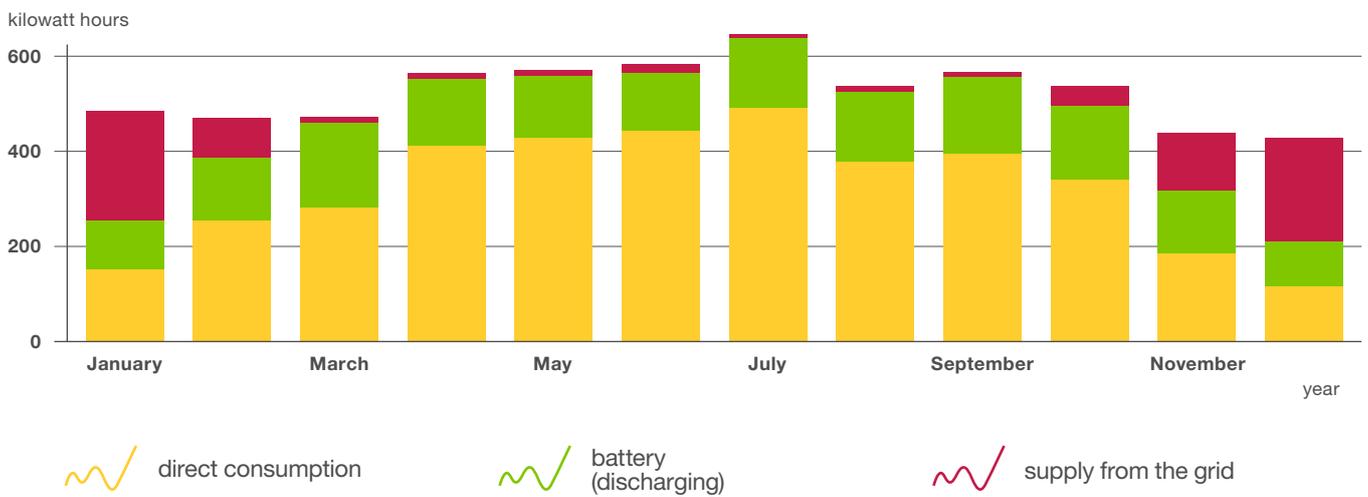
Daily consumption on 08. May 2019



The home power station is the heart of what is called sector coupling: Clean solar power primarily flows into the house devices, heat pumps or other electrical heating systems and into the electric car. Only the electricity that cannot be used in the house or in the garage is fed into the public grid.



Daily consumption in 2019







Live free without limits.

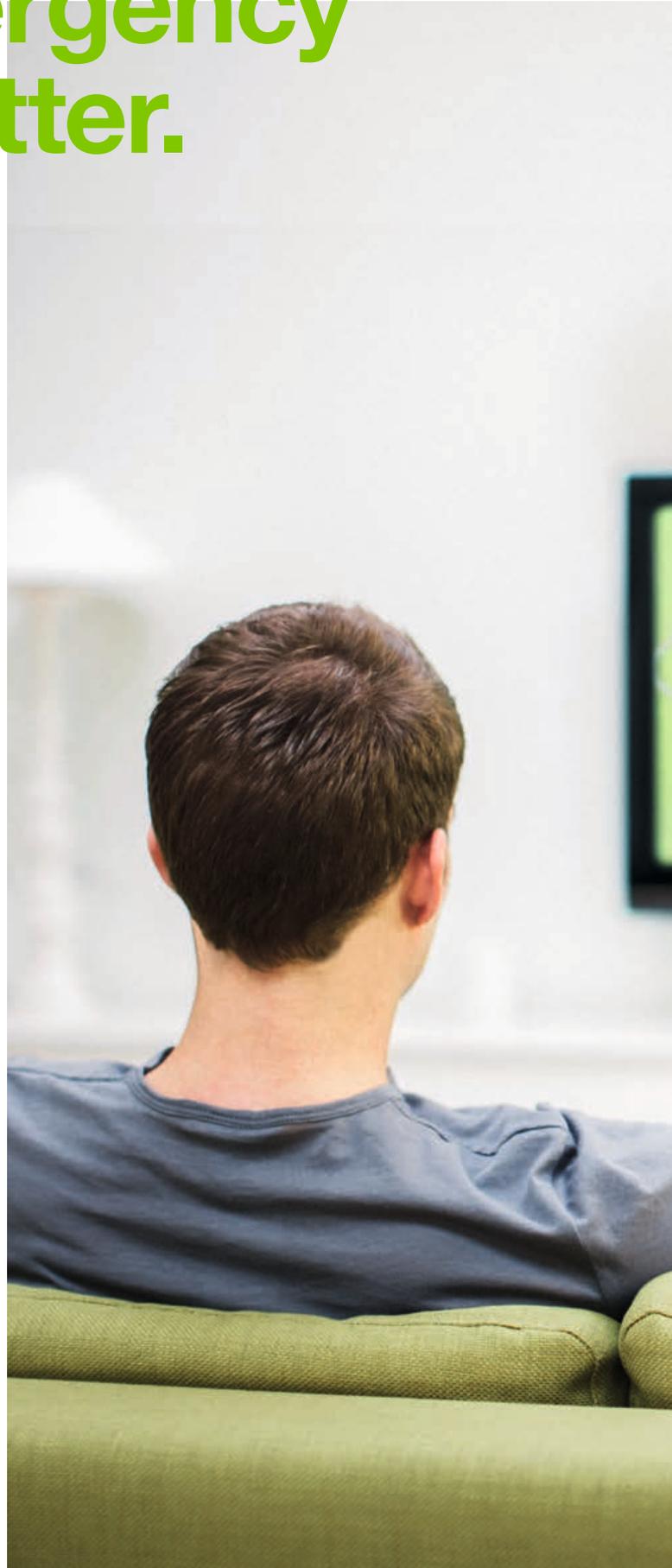
Our technology is unique: The home power station takes over all functions provided by the grid and manages your house's energy demand and supply. This means you can disconnect your house from the public grid whenever you want. With the PV system and our home power station, you can then live self-sufficiently as fully and for as long as the solar radiation and storage capacity allow.

Something that only we have: The technology of the E3/DC home power station is protected by a patent in 38 European countries.

Having faith is good. Having emergency power is better.

Power outages are rare. But when they do happen, its always at the worst possible moment. The home power station gives you security. If there is a failure in the power grid, the home power station automatically takes over all grid functionality and delivers back-up power from the battery and from the PV system. A home power station is the only storage system that can completely replace the grid.

Regional power failures happen occasionally in Germany. In 2018, the average supply interruption per electricity consumer in Germany was just over 13 minutes (source: energate-messenger.de). This may not sound like much, but it can be quite annoying: In June 2014, the power went out in the district of Biberach during the opening match of the World Cup, and many fans were left staring at blank screens.





Manage your energy.

All home power stations have a complete range of energy management features and provide emergency power. You decide how much power and capacity you want.

The home power station is much more than a power storage system. Our all-in-one solution controls all energy flows in your house. Soak up the sun and then cook, wash, cool off and surf the Internet using your own energy? All of this and much more is regulated automatically by your home power station.

Our online portal allows you to keep an eye on everything and even regulate the flow of energy. From integrated inverters to smart energy management and high-performance batteries, the home power station provides everything you need for self sufficiency. And E3/DC gives you a ten-year warranty – without any ifs, ands or buts.







Live free from energy costs.

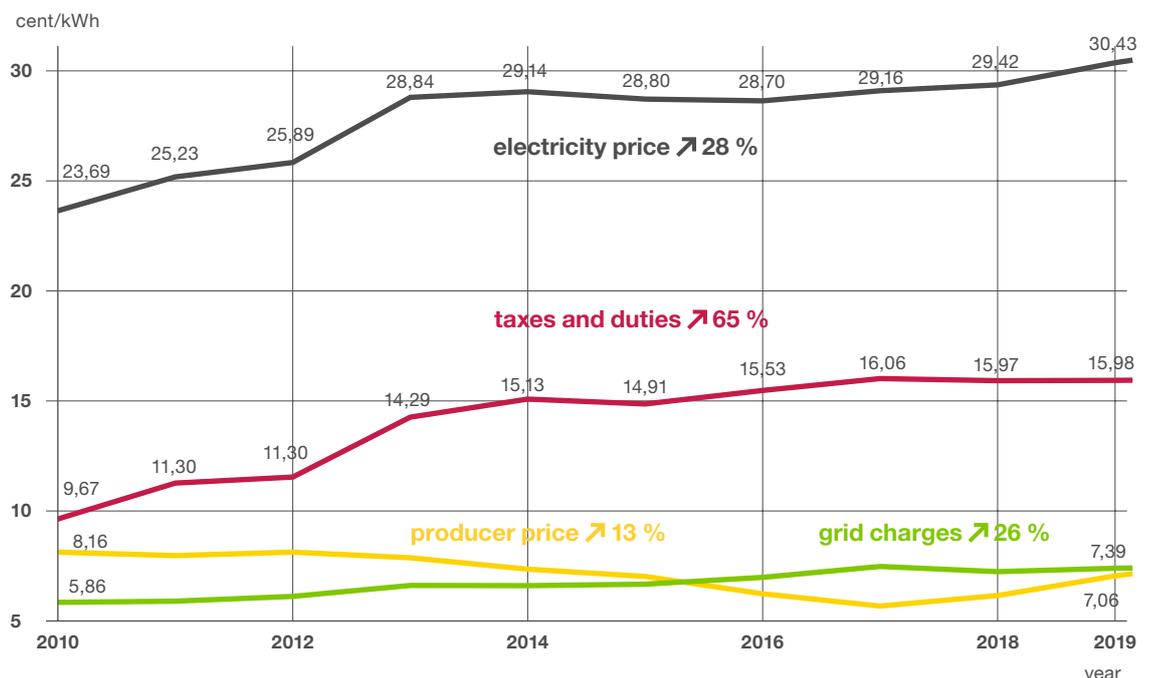
A PV system and the home power station are your investment in a secure future. And that pays off for you: With solar power you can immediately eliminate most of your energy costs because you generate the power for household appliances, heating and mobility yourself.

E3/DC recommends: Your PV system should produce more than 1.5 times your annual power requirement, just to be on the safe side.

It's up to you: the more PV power you install, the more self-sufficient you become. The better the storage system fits your consumption profile, the more electricity you can use yourself. The rest is as simple and clear as a cloudless sky: The revenue from the surplus energy that you feed into the grid pays for any energy you may need to take back out of it, and if the system is designed well enough, you may even have a little money left over at the end of the day.

Electricity price development from 2010 to 2019

Price in cents per kWh at an average consumption of 3,500 kWh per year.



Home power station S10

All-in-one for everyone.





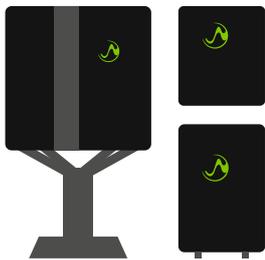
The home power station is the specialist for self-sufficient energy supply. But every person is different, and every home is too. That's why our all-in-one system solution with solar inverter, energy management and emergency power function is available in three performance classes. The classic is the S10 E: This home power station sets the standard for self-sufficiency in a family home.

Experience a technology that has been patented in 38 European countries.

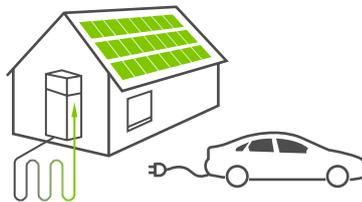
For smaller applications, we recommend the S10 MINI. The most powerful home power station, the S10 E PRO, combined with a large PV system delivers maximum self-sufficiency. It enables you to efficiently operate a heat pump and electric vehicle using your power storage system.

Our home power station is the market leader in solar emergency and backup power supply.

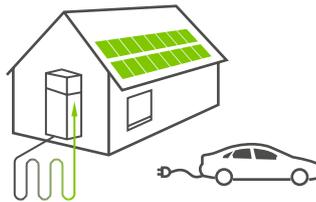
One principle, three solutions.



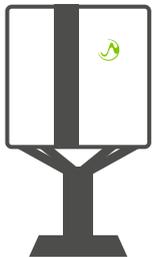
S10 E PRO
with additional solar inverter
& external battery cabinet



20 kWp — 12,000 kWh



15 kWp — 8,500 kWh



S10 E



10 kWp — 6,500 kWh



S10 MINI



5 kWp — 3,000 kWh

Your home power station fits your needs – today and tomorrow. Choose your S10 version individually according to your consumption and your requirements. If you want to use more of your own energy in the future, there are expansion options for all systems. E3/DC also guarantees this permanently.

Highlights	S10 MINI ¹⁾	S10 E ¹⁾	S10 E PRO ¹⁾
storage capacity (kWh)	3,3 to 6,5	6,5 to 19,5	13 to 39 ²⁾
annual power consumption (kWh)	up to 3.000	from 3.000	from 6.500
cycles		unlimited ³⁾	
suitable for	comfort	comfort + heat or comfort + e-mobility	comfort + heat + e-mobility
number of battery systems	1	1	2
feed-in phase conductors	1	3	3
connection phase conductors	3	3	3
lithium-ion technology ⁴⁾			
freedom from electricity costs ⁵⁾			
freedom from energy costs ⁵⁾ incl. heat and mobility			
10-year system warranty			
made in Germany			
all-in-one system			
free support, software update & remote maintenance			
proprietary, intelligent energy management			
home automation support			
optional integration of other power sources (PV, CHP)			
farming operation possible			

Emergency power

emergency power capability	selected circuit	complete house	complete house including heat
permanent supply during sunshine /island mode			 

Heat

heat pump operation via energy management system			
heat pump operation using the battery			  ⁷⁾

Mobility

free solar charging during the day			
recharging function from the battery ⁶⁾ with grid support			
recharging function from the battery ⁶⁾			  ⁷⁾

¹⁾ This is no official datasheet and just for general information – please refer to each individual official product datasheet.

²⁾ > 19,5 with external battery cabinets

³⁾ within the warranty period and according warranty conditions

⁴⁾ E3/DC only uses first-class battery modules with various cell technologies in its home power stations.

These include modules that use automotive technology as well as cobalt-free batteries. The choice is yours.

⁵⁾ Individual calculation is required. Free of charge presupposes an optimized consumption behavior and takes into account the income from the feed-in tariff. Guideline for calculation: The PV system should generate about 1.5 times the annual electricity consumption

⁶⁾ With the S10 E PRO, the discharge power allows the electric car to be charged solely from the battery.

The home power stations S10 MINI and S10 E can support the grid charging with available energy from the battery.

⁷⁾ advanced functionality

Simple. Modular. Quattroporte.

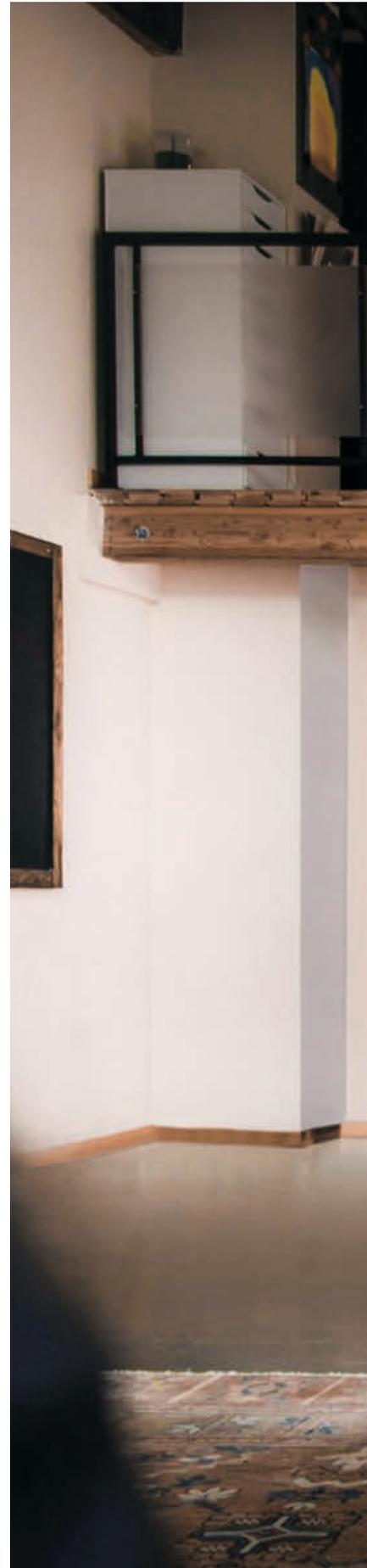
With its Quattroporte series, E3/DC is moving from the DC side to the AC side, figuratively speaking, and is offering an AC solution in addition to home power stations.

The modular storage system is designed for retrofitting your existing PV system. You can configure the storage capacity and performance of the system to meet your needs, and there is no limit to how much you can retrofit.

Quattroporte systems can be expanded at any time and without limits if the demand for electricity increases.

The Quattroporte also supports the use of solar power for heat and mobility via its interfaces. The system can also supply emergency power from the battery. For commercial solutions, the selected capacity of the storage system depends in particular on the consumption profile.

Our AC storage also offers the technical standards and energy management of E3/DC.

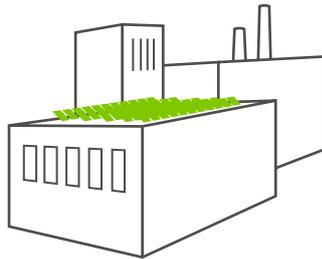




Flexible configuration, unlimited expansion.



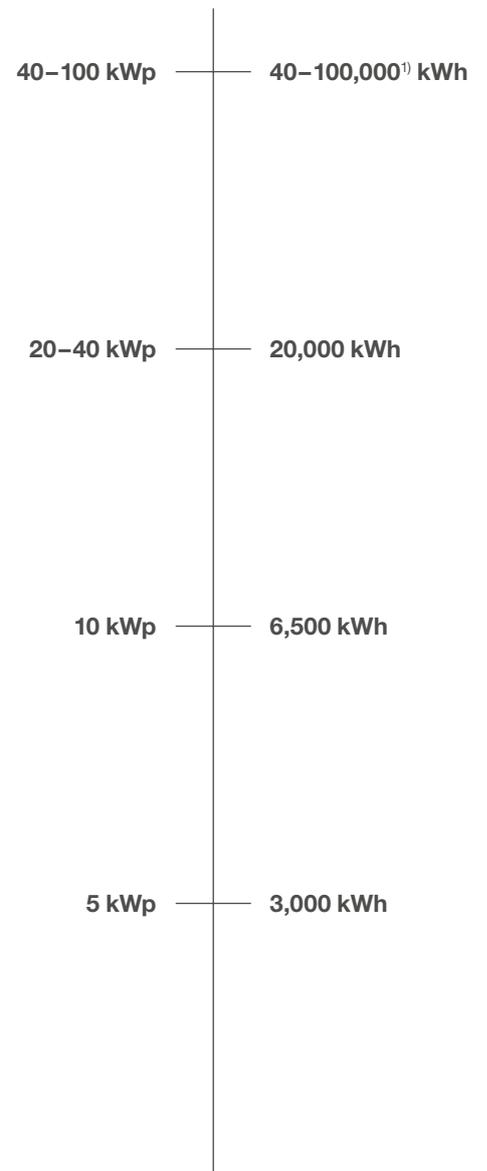
MAX



DUE



UNO



¹⁾ energy farming

	UNO ¹⁾		DUE ¹⁾		MAX ¹⁾		2x MAX ¹⁾	3x MAX ¹⁾
	S	M	L	L	XL	XXL	2-XXL	3-XXL
operating mode	1-phase		2-phase		3-phase			
type Q2-48-xx	Q2-48-01		Q2-48-02		Q2-48-03		Q2-48-06	Q2-48-09
emergency power	yes ²⁾							
battery technology	lithium-ionen							
storage capacity (kWh)	3,3	6,5	13	13	19,5	26	52	78
cycles	unlimited ³⁾							
operating range (°C)	+5 to +35							
energy management	integrated							
width (mm)	740		740		740		1480	1480
height (mm)	1047		2022		2022		2022	2022
depth (mm)	293		293		293		293	293
weight (total)	95,5	113	210	238	282	326	652	978
home automation	KNX, myGEKKO, Loxone, xComfort							

Notstrom

emergency power capability	selected circuit							
permanent supply during sunshine/island mode	no							

Heat

Intelligent control of the heat pump								
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Mobilität

free solar charging during the day								
recharging function from the battery ⁶⁾ with grid support								
recharging function from the battery ⁶⁾								

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²⁾ this power is only for short-term overload and is not for self-consumption mode (additional electric circuit necessary according installation manual)

³⁾ within the warranty period and according warranty conditions

⁴⁾ advanced functionality

Join us in the fast lane.

Good to talk to each other: The E3/DC-Wallbox easy connect connects your E3/DC storage system to the electric car. The Wallbox ensures that only solar power is used for charging, if you prefer. Alternatively, you can also use power from the grid for charging at any time. You are always in control of your charging process.

E3/DC's energy management is capable of learning and is continuously adapted to the charging characteristics of new electric car models.

Wallbox easy connect ¹⁾	
site of operation/installation	garage
installation type	Wall installation, optional stand
min./max. ambient temperature (°C)	-20/+40
protection in accordance with EN 61439-7	protected against splashes of water on all sides
mains connection	3ph 400 V 32 A 50 Hz
max. charging power (kW)	22
charging sockets or charging cable	type 2
charging mode	mode 3
output voltage (V)	230/400
output current (A)	16/32

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Your day is ending, your car is charging.

Solar charging only works during the day? Not true! Your home power station can also transfer stored energy to your electric car after sunset via the wallbox. Of course, this depends on the available battery capacity and the charging capacity of your storage system. The home power station S10 E PRO allows particularly effective night-time charging, giving you your own private 24/7 solar charging station and allowing you to drive your car largely for free.

E3/DC offers perfect load management: Your house connection power including wallbox can be limited according to your network operator's specifications. Use your solar energy for e-mobility and charge with lots of power – without the risk of grid overload.

E-mobility is the most lucrative way to use solar power, either directly or from a storage system. No other application saves so much money compared to fossil energy.









One thing you can count on: our guarantee.

You invest in your future and trust our technology. E3/DC deserves your trust because we offer a 10-year warranty on the batteries and all system components of our home power stations. With the comprehensive performance and product warranty, you can be sure that all parts of your storage system will work efficiently for your independence.

In our view, our customers are the most important experts we have to convince. Around 70,000 people now use E3/DC storage systems and enjoy self-sufficiency every day.

In an independent customer satisfaction analysis, E3/DC was the only provider of storage systems to achieve a top score of 1.6 three times in a row. Customer satisfaction was also certified by TÜV SÜD in 2019.

The end customers were asked in detail how satisfied they were with our products and our service. In April 2019 the satisfaction of our customers was certified by TÜV SÜD.

We are E3/DC. When will we see you?

A brand of the century.

E3/DC has already received two special honours for its home power station: Since 2015, we have been the only provider of storage systems to be named 'brand of the century'. In 2019, E3/DC received this prestigious award again. We are in good company. Other 'brands of the century' include, for example, a particular paper handkerchief, whose brand name everyone in Germany is familiar with. According to the 'brands of the century' definition, the home power station is a product that exemplifies an entire family of products. We agree: E3/DC has set the standard for self-sufficient energy supply.





E3/DC – We are the specialists.

Once upon a time ... there lived a team of engineers who developed an electric car at Karmann in Osnabrück. If you know the automotive industry a bit, you know that Karmann no longer exists. Our engineers' tale, however, didn't end there. It became the success story called E3/DC.

What remained was the Osnabrück production site, the enthusiasm for electrical engineering and, of course, the valuable expertise in development, design and production that you gain in the automotive industry. Aside from that, E3/DC is all about innovation and building a better future: Now at over 120 employees, we are driven by the will to make the energy transition intelligent and technologically feasible. E3/DC has set the standard for self-sufficiency since 2012 and continues to develop the home power station as well as other products further.

Thanks to E3/DC, completely energy self-sufficient residential buildings are no longer a vision but a reality. And soon it will be quite normal to charge your electric car – even at night – using solar power that you generate yourself. Storage technology is mature, and electric cars are conquering the streets. Looking at the beginnings of E3/DC, you could say we have come full circle – and the future has begun!







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Your specialist partner