

ENERGY STORAGE
E3 DC



360° ENERGY MANAGEMENT

Dynamic electricity rates independent of supplier

Subscription-free integrated energy management

PV-based charging management —
private and public

HEAT PUMP STORAGE ELECTRIC CAR

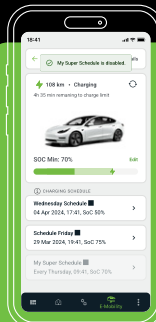


ELECTRICITY MARKET AND PRICES
 Visualisation of your electricity mix, of the current E3/DC price (own electricity + market) and income
 Independent of supplier and free of charge



360° INDEPENDENT

- » Smart energy provider/
Electricity supplier freely selectable
- » Market data, forecasts and regulation of E3/DC



CHARGING LEVEL AND RANGE

View the SOC and the solar forecast directly in the app and call up the protocol (exclusive and free for selected car manufacturers*).

*BMW, Mercedes, Tesla

- » Vehicle, storage and heat pump are charged with optimum solar, battery and market usage (price threshold)
- » Extensive E3/DC energy management, that incorporates all functions

SELECTABLE SOLAR CHARGING MODES

Economic — always best price/max. sun
 According to optimum availability (forecast)



Departure time - loading quantity guaranteed loaded
 Cost-optimized typical process



Immediate charging - necessary charging quantity first
 typical process



Dynamic electricity rates — independent of supplier

360° ENERGY MANAGEMENT



HEAT PUMP

- » SG Ready-based solar forecast
- » Achieves COP>10* with E3/DC configuration over 25,000 heat pumps using own electricity

*Thermal kWh in relation to grid supply



§14A (MULTIPLE USER USE CASE)

The home power station controls heat pumps (EEBus) and charging stations:

- » All existing and new systems comply with §14a of the German Energy Industry Act (EnWG) with update
- » De facto no limitation by grid

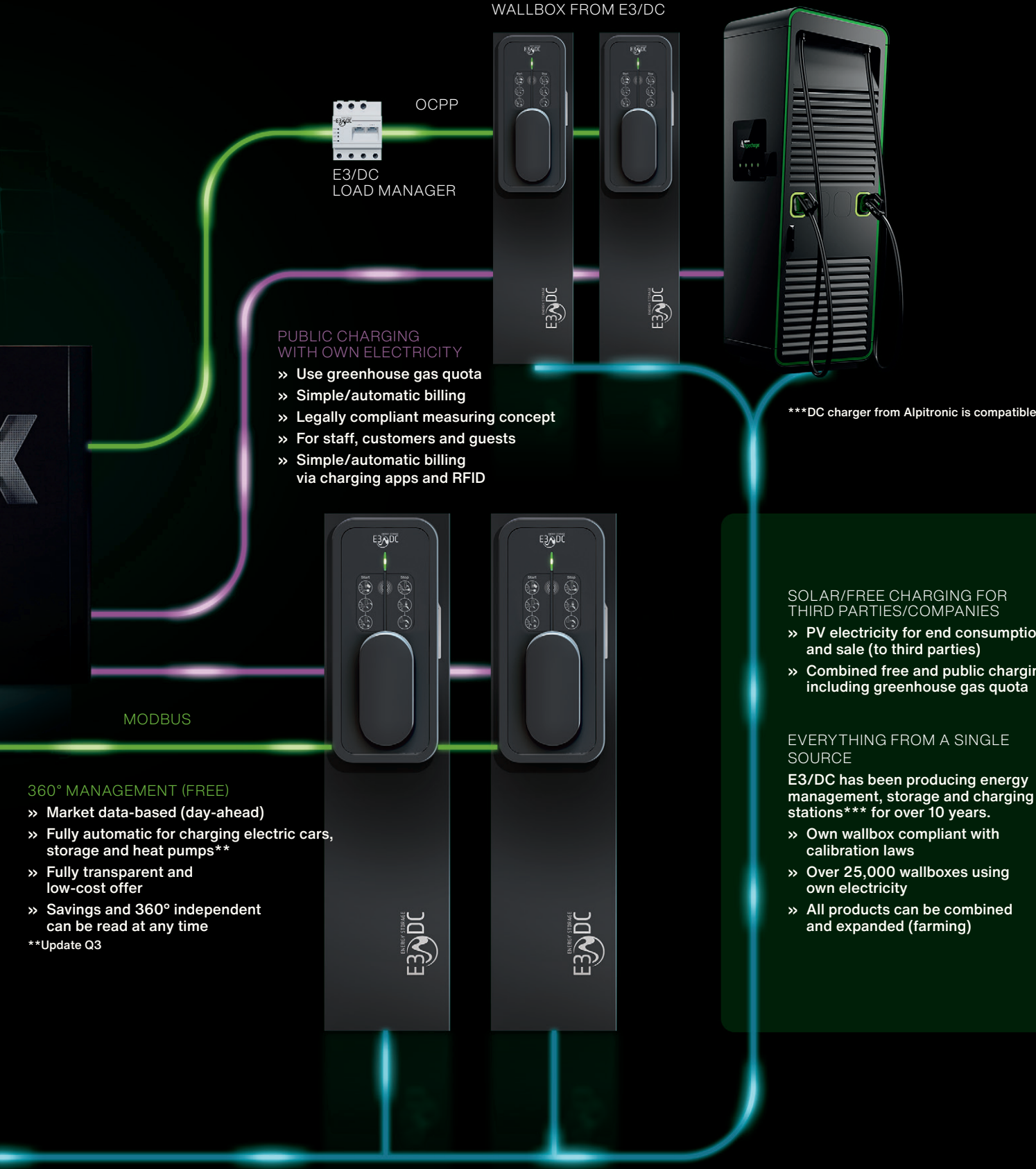
EEBUS
LPC Case 4.2 kW

SMART METER + SMGW



Subscription-free integrated energy management!

COMPLIANT WITH CALIBRATION LAW
WALLBOX FROM E3/DC



PUBLIC CHARGING
WITH OWN ELECTRICITY

- » Use greenhouse gas quota
- » Simple/automatic billing
- » Legally compliant measuring concept
- » For staff, customers and guests
- » Simple/automatic billing via charging apps and RFID

***DC charger from Alpitronic is compatible

SOLAR/FREE CHARGING FOR
THIRD PARTIES/COMPANIES

- » PV electricity for end consumption and sale (to third parties)
- » Combined free and public charging including greenhouse gas quota

EVERYTHING FROM A SINGLE
SOURCE

E3/DC has been producing energy management, storage and charging stations*** for over 10 years.

- » Own wallbox compliant with calibration laws
- » Over 25,000 wallboxes using own electricity
- » All products can be combined and expanded (farming)

360° MANAGEMENT (FREE)

- » Market data-based (day-ahead)
- » Fully automatic for charging electric cars, storage and heat pumps**
- » Fully transparent and low-cost offer
- » Savings and 360° independent can be read at any time

**Update Q3

150,000 customers — currently since foundation

PV-based charging management — private and public

SO MUCH POTENTIAL HOME POWER STATION

The S10 home power stations from E3/DC get the best out of the sun:

Up to 80% of your own electricity from the roof - for household use, heating and electric mobility



A LONG-TERM PARTNERSHIP

E3/DC home power stations are only installed by certified specialist partners.

E3/DC offers technical support, complete operating data and extensive battery monitoring



TriLINK
TECHNOLOGY



BACKUP POWER

Unique 3-phase standby power function for the whole home network



SOLAR CHARGING

During day and night



THE ALL-ROUNDER

Use solar electricity from your own roof efficiently



INTEGRATED ENERGY MANAGEMENT

Subscription-free and free of charge



FORWARD-LOOKING

Long-term battery retrofitting
Continuous free software updates
Compatibility with new technologies

10-YEAR SYSTEM WARRANTY

on all components including the battery
Own factory service

GERMAN ENGINEERING & MADE IN GERMANY

Continuity and quality: Since the market launch in 2012, we have been consistently developing the home power station technology.

THE BEST BATTERY ANALYTICS ON THE MARKET

- » The best performance with optimum service life for maximum safety
- » Quality management with feedback loops via hardware, service and monitoring
- » Constant optimisation of operating strategies
- » Three-stage battery monitoring via BMS, EMS and cloud

THE INDUSTRY STANDARD – A ONE-STOP SHOP

E3/DC HOME POWER STATION: INNOVATION MEETS SAFETY



OUR SYSTEM CONCEPT

- >> E3/DC is the inventor of the home power station
- >> Integral thinking: Solar heating, electricity & mobility
- >> Series solution for bidirectional charging, retrofittable for home power station
- >> Grows as required



YOUR INDEPENDENCE

- >> Simple expandability of your existing system
- >> Maximum independence through modularity and expandability (farming)
- >> Industrial computer in every device: Up-to-date devices for communication and functional expansion on software level
- >> Standby current, isolated operation and black start capability



OUR RELIABILITY

- >> Made in Germany
- >> Since 2012, proven specialist for independence
- >> Proven with 120,000 customers: Service and support from E3/DC and specialist partners from your region
- >> E3/DC exclusive: Unique battery analytics enable maximum service life and monitoring of equipment in the field



A SAFE INVESTMENT

- >> Professional, individual planning by specialist partners with E3/DC certification
- >> 10-year system warranty & lifetime expandability
- >> In-house hardware and software development
- >> Part of Hager Group – a value-oriented family business



HagerEnergy GmbH
Ursula-Flick-Strasse 8
D-49076 Osnabrück
P +49 541 760 268 0

e3dc.com

A member of Hager Group

Status: 08 August 2024. The current PDF document at e3dc.com/en/infocentre/#Downloads is always binding. Binding product information can be found in the applicable technical data sheet. Subject to modifications and errors. Illustrations may differ.