

**HEIDELBERG WALLBOX
ENERGY CONTROL.
SMART WALL
CHARGERS FOR SMART
LOAD MANAGEMENT.**

**SAFE,
INEXPENSIVE,
DYNAMIC.**





WALLBOX ENERGY CONTROL. THE BENEFITS FOR YOU.

Connection-friendly and flexibly expandable

If the wall chargers are incorporated into a home energy management system (HEMS), the charging system can be easily and conveniently managed. Depending on the manufacturer, there are also various apps available for cost management or to monitor charging processes. The wall charger can be locked externally to protect against unauthorised charging.

Efficient use of solar power

Wallbox Energy Control is perfect when photovoltaics are used for own electricity generation as the wall charger can be connected to an existing on-site home energy management system (HEMS) via Modbus RTU. Surplus electricity from the photovoltaic system is then used specifically to charge your electric car or hybrid vehicle. And the system will only direct as much solar power to the wall charger as is currently available.

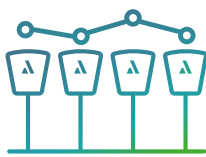


Charging technology made in Germany.

The brand HEIDELBERG has stood for quality and sustainability in the global printing industry for more than 170 years. But we are also making an impression in the field of electric mobility with innovative, customer-oriented solutions. We have now given our activities in this area, which we have been engaged in since 2014, a name – AMPERFIED. The wholly owned subsidiary founded in April 2022 stands for smart charging technology made in Germany and aspires to being a trustworthy and reliable partner on the way to the future of electric mobility.

Technical highlights of Heidelberg Wallbox Energy Control

- \ Local load management starting from two connected wall chargers
- \ Connection of up to 16 wall chargers
- \ Modbus RTU for external load management (e.g. via HEMS)
- \ High-quality, robust stainless steel front
- \ Rated current (adjustable): 6 to 16 amps
- \ 230-volt (single-phase) or 400-volt (three-phase) connection
- \ Integrated residual current detection: 6 mA DC in accordance with IEC 62955
- \ Optional access control via control element, e.g. RFID, key switch, etc.
- \ Charging cable: Type 2



Local load management
for up to 16 wall chargers



Suitable for multi-occupancy
buildings as well as company and
hotel car parks



Connection to a home energy
management system (HEMS)



Simple installation
by an electrician



Maintenance-free
so no add-on costs



Climate-friendly, efficient use
of electricity

EXAMPLE OF 22 kW FOR 5 WALL CHARGERS

Charging 2 vehicles



Charging 3 vehicles



Charging 5 vehicles



ANY QUESTIONS?

Our hotline will be happy to help:
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