



Heidelberg Wallbox Energy Control Europe



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Technical highlights of the Heidelberg Wallbox Energy Control

- Dynamic load management when using two or more linked Wallboxes
- Maximum of 16 Wallboxes can be linked up
- Modbus RTU for external load management control (e.g. via a Home Energy Management System (HEMS))
- High-quality stainless steel front
- Plug-and-play solution – easy installation by electrician or installation service
- Connection to 230 volts or 400 volts
- 1-, 2- or 3-phase charging mode
- Integrated residual current detection: 6 mA DC
- Charging capacity (adjustable): e.g. 2.1 kW/3.7 kW/7.2 kW/11 kW
- Cable length: 5 m or 7.5 m

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Heidelberg Wallbox

Energy Control Europe

Technical data

Regulations	IEC 61851-1:2010
Charging performance, mode 3	up to 11 kW
Rated voltage	230 V – 400 V
Rated current	up to 16 A, adjustable from 6 A to 16 A in 2 A increments
Rated frequency	50 Hz
Charging mode	1-, 2- or 3-phase
Net types	TT/TN
Connection technology	Spring clamp technology
Cable inlet/cable entry	On-wall or in-wall, 9 to 17 mm
Connection cross-section	1 mm ² to 10 mm ² – Solid conductor (rigid) 1 mm ² to 10 mm ² – Fine-wire conductor (flexible) 1 mm ² to 6 mm ² – Fine-wire conductor with ferrule (flexible) The respective national installation regulations must be observed.
Charging connection/charging coupler	Type 2
Charging cable length	5 m or 7.5 m 5 m - 00.779.2855/03, 7.5 m - 00.779.2909/01
Status information	Front illumination
Data interface	RS485/ModBus RTU
External release/locking of the Wallbox	Input for optional release switch or via Modbus RTU
Safety class	IP54
Residual current detection	6 mA DC
Ventilation	No ventilation required
Protection against mechanical shock	IK08
Operating temperature range (°C)	-25 °C to +40 °C
Thermal behavior	The charging current is continuously provided within the operating temperature range. If the temperature is exceeded, the charging process is interrupted. The charging process is automatically restarted after a cooling phase.
Storage temperature range (°C)	-25 °C to +80 °C
Permissible relative humidity (%)	5 % to 95 %
Altitude (m)	Max. 3,000 meters above sea level
Protection class	I
Overvoltage category	III
Dimensions (W × H × D) (mm)	386 mm × 295 mm × 112 mm
Weight	approx. 8 kg