



Elinta Motors
www.elinta-motors.com

HomeBox

Home charging station for
electric vehicles



Charge electric vehicle in:

- private area
- shopping malls
- garage
- at the workplace

HomeBox is the designation for wall-mounted EV supply units. HomeBox is used in garages, carports, wall areas etc. In the corresponding standards, versions for mode 1 to mode 3 are defined. RCD, MCB and charging socket are available as safety features.

With mode 3, additional safety functions (recognition of the cable cross section) and a data transmission are defined. The existing or future electric vehicle user determines the choice of the charging point which then has to be installed by a professional electrical company. Only an electrical supply is required.

The safety features are all integrated in HomeBox. Generally also the charging point differentiate between single-phase and three-phase charging in the power range up to 22 kW. ELINTA produces HomeBox'es with CEE 7/4 socket / Schuko and IEC 62196 Type-2 socket. according to the new standard.



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Technical specifications

Charging mode	
Mode 1	✓
Mode 2	✓
Mode 3	✓
Socket type	
CEE 7/4 socket (Schuko)	✓
IEC 62196 (Type-2 (Mennekes))	✓
Input power	
3-phase: 400 V/AC 50 Hz 32 A	✓
Output power (optional)	
1-phase 230 V/AC 16 A (3.7kW)	✓
3-phase 400 V/AC 16 A (11kW)	✓
3-phase 400 V/AC 32 A (22kW)	✓
Energy meter	
Digital with backlight	✓
Operational temperature	
-25°C to +60°C	✓
Degree of protection	
IP54	✓
Vandalism-proof	▪
Stainless housing	plastic
UV resistant	✓
Certificates	
CE	✓

Safety	
Charging cable locking	✓
Short circuit and overcurrent protection	✓
Electric shock (leakage current) protection	✓
Dimensions	
Weight	5 kg
Depth x width x height	150 x 350 x 410 mm



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