

Charging cables

The European draft standard allows charging currents of 16, 32 or 63 A. Matching charging cables are available depending on vehicle, weight, handling etc.

In the communication between charging station and vehicle (mode 2 and mode 3) the current range of the charging cable (electrical coding inside the plug) is for safety reasons automatically checked prior to the charging process.



Charging cable with in-cable control box (Mode 2)

For charging in domestic areas a charging cable with a so called "In-Cable Control Box" is required. This box has to replace an RCD in case of "unknown" electrical installation and to provide the required safety features and communication to the vehicle. In many cases this charging cable is supplied with the vehicle.

Charging cable with full communication (Mode 3)

These charging cables have identical plugs on both sides. They are used with all new generation vehicles and allow charging with 16 to 63 A. Depending on the vehicle size the charging cable may have different cable cross sections.



Part no. 7 711 AB
Charging cable, mode 2,
16 A



Part no. 7 711
Charging cable, mode 3,
16 A



Part no. 7 410 SL
Charging socket
16 A, screwless



Part no. 7 210 SL
Charging plug 16 A,
screwless

E-BoxX

Wallbox or E-BoxX is the designation for wall-mounted EV supply units. These are used in garages, carports, wall areas etc.

In the corresponding standards, versions for mode 1 to mode 3 have been defined. RCD, MCB and charging socket (mode 1) are available as safety features. Additional data transmission and safety functions with mode 2 and mode 3.

The choice of the wallbox depends on the existing or future electric vehicle.

The existing or future electric vehicle determines the choice of the wallbox which then has to be installed by a professional electrical company. Only an electrical supply is required. The safety features are all integrated in the WALTHER wallbox. Generally also the wallboxes differentiate between single-phase and/or three-phase charging in the power range of 3 kW to 40 kW.

WALTHER produces wallboxes with Schuko sockets or 3, 5 and 7-pole CEE sockets according to the new standard. On request available with integrated meter to view the consumption.

All E-BoxX devices are available from stock or can be supplied within a few working days.

Options:
Canopies, pole mounting etc.
(see our range of free standing units).



Part no. 6E59 00 01
Schuko socket, RCD/RCB, 16 A



Part no. 6E59 00 02
Schuko socket, RCD 16 A, MCB 16 A



Part no. 6E59 00 03
Schuko socket, RCD/RCB, 16 A, meter



Part no. 6E59 00 04
Schuko socket, RCD 16 A, MCB 16 A, meter



Part no. 6E59 10 01
CEE socket 3 x 16 A, RCD/RCB, 16 A



Part no. 6E59 10 02
CEE socket 3 x 16 A, RCD 16 A, MCB 16 A

Schuko sockets: DIN 49 440,
available in compliance with French,
Belgian, Danish, British, Swiss and other
national standards on request.



Part no. 6E59 10 03
CEE socket 3 x 16 A, RCD/MCB 16 A, meter



Part no. 6E59 10 04
CEE socket 3 x 16 A, RCD/MCB 16 A, meter



Part no. 6E59 10 06
Schuko socket, CEE socket 3 x 16 A, RCD/MCB 16 A, meter



Part no. 6E59 10 07
Schuko socket, CEE socket 3 x 16 A, 2 x RCD/MCB, 16 A



Part no. 6E59 10 08
Schuko socket, CEE socket 3 x 16 A, RCD 16 A, MCB 16 A, meter



Part no. 6E59 10 09
Schuko socket, CEE socket 3 x 16 A, RCD 16 A, MCB 16 A

E-BoxX



Part no. 6E92 01 01
CEE socket 5 x 16 A, RCD/MCB 16 A



Part no. 6E92 01 02
CEE socket 5 x 16 A, RCD 16 A, MCB 16 A



Part no. 6E92 01 03
CEE socket 5 x 16 A, RCD/MCB 16 A, meter



Part no. 6E92 11 01
CEE socket 5 x 32 A, RCD/MCB 32 A



Part no. 6E92 11 02
CEE socket 5 x 32 A, RCD 32 A, MCB 32 A



Part no. 6E92 11 03
CEE socket 5 x 32 A, RCD/MCB 32 A, meter



Part no. 6E82 77 01
RCD 32 A, MCB 16 A, MCB 32 A,
contactor, PWM



Part no. 6E82 77 02
RCD 32 A, MCB 16 A, MCB 32 A,
meter, contactor, PWM



Part no. 6E82 77 04
RCD 63 A, MCB 16 A, MCB 63 A,
meter, contactor, PWM

More solutions for charging at home

If space is an issue in garages, the mini combination 114 is the solution. The elegantly designed WALTHER wall socket combines a 5-pole 400 V CEE socket (16 A) which can be used for charging purposes with a normal Schuko socket.

Supplementary to the E-BoxX, WALTHER offers CEE wall sockets for EV charging which are equipped with a switch and a mechanical interlock for the plug. These features significantly increase the safety for private users.

With the help of the switch the user can for example make sure his charging connection is visibly switched off before inserting or withdrawing the charging plug. The interlock ensures that the charging process can not be interrupted by a wantonly or inadvertently withdrawn charging plug.

The AT110 306 is a 3-pole 230 V wall socket for single-phase charging with 16 A. The 5-pole 400 V versions AT110 and AT130 are for three-phase charging with 16 A respectively 32 A.



Part no. 114



Part no. AT 110306



Part no. AT 110