

DESCRIPTION

Discover our Policharger KSIX EVHOME+SC kit, specially designed to take the charging experience of your electric vehicle to the next level: it includes a sensor for dynamic power management, as well a photovoltaic energy sensor and a removable T2-T2 charging cable.

Our Policharger KSIX EVHome+ SC electric car charger, manufactured and developed in collaboration with Policharger, is a single-phase charger with up to 7.4kW of power with T2 female socket connector, compatible with all vehicles with Type 2 and Type 1 socket (T1-T2 adapter cable). It is easy to install and offers extremely simple and intuitive use to optimise electric vehicle charging. In addition, it features a password and key combination locking system.

Hourly power programming

Program the power according to the schedule (off-peak and peak) and optimise the charging of your vehicle.

Dynamic power regulation

The Policharger Ksix IN-SC charger allows you to adjust the charging power up to 7.4 kW at any time according to the available power in the household without exceeding the maximum contracted power. Up to 50 chargers can be interconnected in a building without exceeding it. In addition, the power between all chargers and the demand of the different EVs can be adjusted in an optimised way. Power meter (toroidal clamp) is included.

Integration with solar panels

This charger features a photovoltaic generation monitoring system to use all the surplus energy generated by the solar panels. It can operate both with grid feed-in and stand-alone operation.

The equipment allows you to program a net balance with the grid or to consume part of the energy from the grid in addition to the surplus production of the solar panels. Therefore, the vehicle's recharging power will depend on the power generated by the solar installation at all times.

Delivered with 2 consumption sensors:

- 1) General power consumption sensor for the household
- 2) Power generation sensor of the solar installation

In the case of installations with grid feed-in, the start and end of the recharge can be configured according to the solar generation. Recharging can be configured based on the operation of the solar panels. In this way, recharging starts at dawn and ends at dusk. When recharging from the grid is required, e.g. during the night, just press the button to start recharging at full power from the grid.

LCD display

Keypad panel menu with LCD display that provides information about charging intensity, energy consumed and charging status information.



Wide compatibility

Female T2 socket connector model, compatible with all electric cars on the market using the T2-T2 and T2-T1 adapter cables.

Maximum durability

Designed and tested to guarantee maximum resistance and endurance: the Policharger Ksix IN-SC charger allows for optimal operation both indoors and outdoors.

Locking system

It features an intuitive password and key combination locking system to ensure the highest security.

Charging cable included

This kit includes a removable charging cable (with connector) for single-phase 32A Mode 3 charging, 5 metres long, compatible with all electric cars and chargers with Type 2 connector (T2-T2 cable). The cable comes with connector covers.

TECHNICAL SPECIFICATIONS.

Weight	3 kg
Dimensions	229 x 203 x 99 mm
Frequency range	50Hz - 60Hz
Degree of protection	IP54
Power	7.4kW
Wire size	5 m
Connector type	Type 2
Working conditions	Operating temperature: -20° C - 40° C
Reference directives	2014/35/EU, IEC61851-1, IEC61851-22, IEC62196-1
Input power	230 ± 10 %, 1P+N+PE
Impact resistance	IK10
Sensor	Dynamic power and Photovoltaic energy

STRENGTHS



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