



sleep&charge

Customized home charging station for EVs

Simply and clever charging station for electric vehicles

sleep&charge is the only device customized for a specific car brand and model for the charging of electric vehicles at home. Thanks this customization it can be made possible the timer function, standard on all models of the sleep&charge, by which it could be postpone the charging process (to use the night rate or photovoltaic energy in the moment of its most production).

The specific character of the sleep&charge can be compared to that of snow chains : as the device is customized for each vehicle model, also in case of sale or moving, it follows the car.

sleep&charge can be easily hung on the wall inside the garage or outside of your home and connected through a CEE socket to the grid.

sleep&charge is produced and developed in Switzerland. Its housing is made from a single piece of recyclable and insulating polyethylene. Since 2010 they have been sold and brought into service more than 700 units in Switzerland, Germany, Italy and Austria.



Unique features

Personalized



The hardware, software and design are specifically personalized to the customer's vehicle. sleep&charge provides so the maximum optimization of the charging process. The housing is available in 9 different colors.

With display and LED



An LCD display and LED indicators provide information about the charging process (energy counter, charging power, charge duration and charging status). Using the buttons can be set for example the timer.

Handy



Just a CEE socket must be available: CEE 16A for single-phase devices (blue camping socket) or CEE 32A for three-phase devices (red). No more expensive installation is needed.

Further advantages for the user


- Maximum comfort is guaranteed: plug and cable are standard on the device for a comfortable, clean and one-handed use. On this way the adapter cable does not have to be taken every time you charge from the luggage compartment of the vehicle.
- The ergonomic design of the sleep&charge charging station allows an easy rolling up of the charging cable avoiding stumbling and hurting yourself. Everything is tidy without having to buy an additional bracket.
- If the circuit breaker on the charging station switches off due to a disturbance on the grid, it can be switched on again by the customer directly on the charging station.

Technical specifications of the best-selling version «Type 2-16A»

The Mode-3 device sleep&charge is available in several versions, which differ for cable and plug. It can also be provided with RFID reader: In this version it is named « work&charge », as a controlled access is particularly useful on the job. The accessories can easily be ordered and integrated (for example the protection roof or the pedestal).



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for your vehicle :
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Technical specifications (base version)		
Grid side of the device	Input Power Plug	230V/16A CEE, 1-phase 16A (IEC 60309-2)
Car side of the device	Output Power Fixed cable & Connector	230V/16A Fixed cable 5m: with Connector Type 1 / 2 / 3 or CEEPlus
Safety	RCD (Residual Current Device) OCP (Over Current Protection = circuit breaker) Mode 3 Communication Earth monitoring between sleep&charge and Car	
Dimensions	Width 44 cm, height 38 cm, depth 18 cm	
Weight	6,7 Kg (box included)	
Housing	IP44 (for outdoor use, we recommend installation under existing roof or with the optional protective roof) HS grade (according UL 95)	
Standards	 IEC 61851-1, 21, 22; IEC 62196-1. CE Mark	
(Optional) Also available with:	3-phase up to 22 kW RFID Gateway	

sleep&charge belongs to the &chargefamily:




 **coffee&charge**
For public areas and fleet users. Payment and access systems available.



 **move&charge**
For fleet users, car dealers, temporary substitution of stationary DC-chargers and EV-events.




 **shop&charge**
For public areas and fleet users. Access systems available (Park & Charge/RFID).



 **sleep&charge**
CEE Plug interface to the grid. Mode 3 safety and regulated charge.



 **work&charge**
CEE Plug interface to the grid. Mode 3 safety and regulated charge. RFID access system included.