

ABSINA

WALLBOX
11KW | 16 A

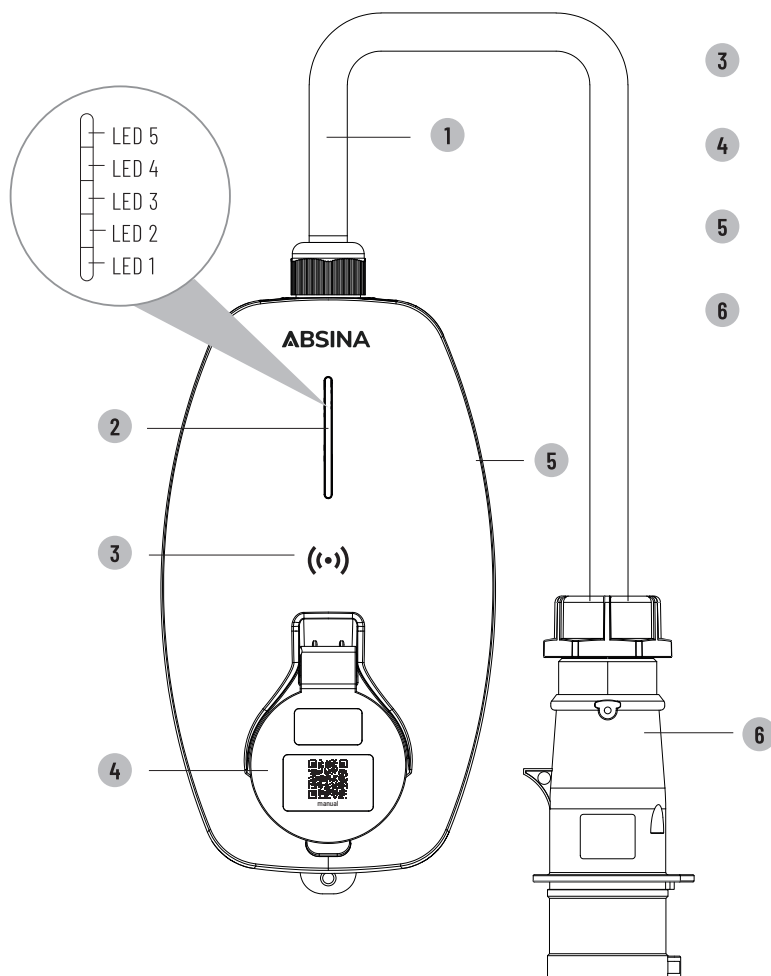


Bedienungsanleitung | User Manual | Instructions d'utilisation |
Instrucciones de uso | Istruzioni per l'uso

Art.-Nr. / Part No.: 301018

QR Code - Video





- 1** Anschlussleitung
Connection cable
- 2** LED-Statusanzeige
LED status display
- 3** RFID-Sensor
RFID sensor
- 4** Abdeckung
Cover
- 5** Notschalter
Emergency switch
- 6** Drehstromstecker
Three-phase plug

OPERATING INSTRUCTIONS

WALLBOX 11kW | 16 A

WELCOME

Thank you for purchasing your new ABSINA product. The operating instructions will help you to make optimum use of the functions of your wallbox. We hope you enjoy using your new device. Your ABSINA team.

SYMBOL EXPLANATION

 The product complies with the requirements of the EU Directive.



Do not dispose of the cable with household waste! Dispose of the cable via an authorized waste disposal company or your municipal waste disposal facility. Observe the currently applicable regulations. If in doubt, contact your disposal facility.



Caution! A dangerous situation can occur if the measures are not observed. Risk of death, serious injury and burns!



Do not use charging cables with damaged plugs or cables!



Vehicle coupling type 2



Observe the operating instructions!



Do not expose to direct sunlight!

INTENDED USE

Only use the wallbox to charge electric and hybrid vehicles with alternating current (AC) at charging stations. The wallbox may only be used together with standardized and designated vehicle inlets according to IEC 62196-2 (type 2 plug). Compliance with all information in these operating instructions is also part of the intended use. Any other or different use is considered improper use and can lead to dangerous situations. The user is liable for any damage caused by improper use.

SAFETY INSTRUCTIONS

- The wallbox may only be installed vertically.
- Each phase of the supply voltage must be protected by a residual current device and a circuit breaker.
- The cable cross-section of the supply line must be at least 2.5mm².
- Always check the housing, cable and plug for damage before using the wallbox. If damaged, do not operate under any circumstances.
- Do not operate the Wallbox in the vicinity of flammable or explosive materials, chemicals, gases or other hazardous goods.

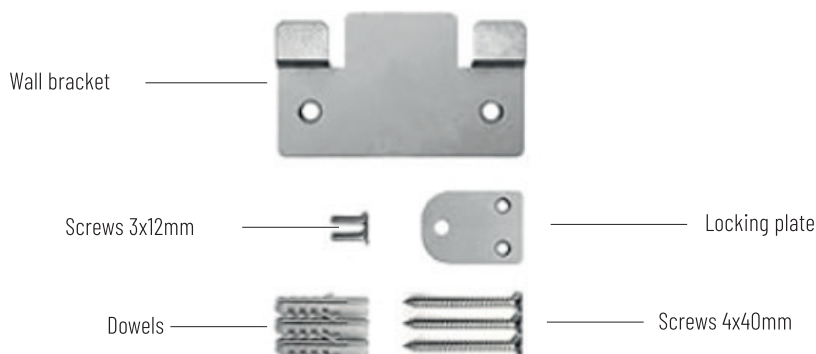
- Keep the charging socket clean and dry. If the charging socket is dirty, wipe it with a clean, dry cloth when it is switched off.
- Improper handling of the wallbox can cause explosions, electric shocks and short circuits. Observe the generally applicable safety precautions and safety instructions. Never use force to disconnect the plugs.
- Never attempt to repair or modify the wallbox yourself. This work may only be carried out by trained specialists.
- In the event of a fault during use, immediately press the emergency stop button to switch off all input and output power supplies.
- Make sure that the cover of the charging socket is always closed when no charging cable is connected to the wallbox.

INSTALLATION

Wall mount

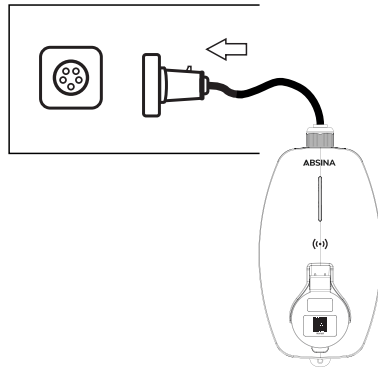
The wallbox may only be screwed to walls with a suitably solid base. Pay attention to cables that may run through the wall.

1. Mark two drill holes at a suitable location using the wall bracket.
2. Drill two 6 mm holes and insert the enclosed dowels.
3. Screw the wall bracket to the wall using two of the 40x40mm screws supplied.
4. Then screw the locking plate to the wallbox using two 3x12mm metric screws.
5. Then attach the wallbox to the wall bracket and mark the drill hole for screwing the locking plate to the wall.
6. Remove the wallbox from the bracket, drill a 6 mm hole at the marked position and insert the enclosed dowel.
7. You can now attach the wallbox to the wall bracket and screw the locking plate in place with the 4x40mm screw.



Mains plug

1. After opening the wallbox, check it for completeness and damage. In the event of damage, inform the transport service immediately and do not install the wallbox.
2. The CEE three-phase plug of the wallbox must be connected to a suitable CEE three-phase socket (16A). The supply cable to the CEE three-phase socket must be at least a 5 x 2.5 mm² cable.
3. On the building side, each phase must be equipped with an automatic circuit breaker and residual current circuit breakers and have cable cross-sections corresponding to the power.



ADDITIONAL INFORMATION

Residual current circuit-breaker type A + type B

The wallbox has a combined type A and type B residual current circuit breaker. This enables reliable detection and interruption of AC residual currents (via type A) and DC residual currents (via type B), which is a fundamental requirement for the safety of electric vehicle charging. This technology ensures a high standard of protection for both people and the electrical system.

Note: Please note that in accordance with the VDE directive, the supply line to the connection point must also be protected by a type A residual current circuit breaker in order to ensure the compliant and safe operation of the system.

RFID

The wallbox can be authorised for charging using the RFID chips supplied. It is not possible to permanently deactivate the RFID protection function.

1- & 3-phase charging

The wallbox offers a flexible charging solution by supporting both single-phase and three-phase charging. With the single-phase option, energy is supplied via an AC cable, which enables charging processes with an output of up to 3.6 kW. With the three-phase option, energy is supplied via three AC cables, which enables charging processes with an output of up to 11 kW.

CHARGING PHASES	MAX. CHARGING POWER
1-phase	3,6kW
3-phase	11kW

COMMISSIONING

SWITCHING ON THE WALLBOX

Once the wallbox has been switched on, an acoustic signal in the form of a double beep will sound to indicate successful connection to the power source. At the same time, LED 1 lights up blue and indicates that the device is in standby mode. If LED 4 flashes red, the emergency stop switch on the right-hand side may have been pressed. If the error display persists, it is recommended to have the electrical connections checked by a specialist.

Note: If LED 1 flashes red after commissioning the wallbox, check the emergency switch.

CHARGING PROCESS

1. Switch off the vehicle engine and set the gear lever to park.
2. Connect the wallbox to your vehicle using a suitable type 2 cable.
3. The status indicator LED 1 flashes blue and signals that the wallbox is ready for charging
4. Activation via RFID chip is required.
5. The wallbox confirms the activation with a sound signal and starts charging.
6. During charging, LED 1 to LED 4 pulsate blue.

END CHARGING PROCESS

End prematurely

1. During charging, the charging process can be terminated as follows: Pass the RFID chip past the wallbox sensor to end the charging process prematurely. If the vehicle is unlocked, you can disconnect the charging plug.

Exit normally

2. The vehicle battery is fully charged and the vehicle finishes charging. When the vehicle is unlocked, you can disconnect the charging plug.

STATUS DISPLAY

Status	LED 1	LED 2	LED 3	LED 4	LED 5
Standby	ON	OFF	OFF	OFF	OFF
Connected	Flashes	Flashes	Flashes	Flashes	Flashes
Charging	Pulsates	Pulsates	Pulsates	Pulsates	Pulsates
Charged	ON	ON	ON	ON	ON
Error CP	OFF	OFF	OFF	OFF	Flashes 1x
Make sure that the charging cable is connected correctly and that there is no visible damage.					
Input voltage low	OFF	OFF	OFF	OFF	Flashes 2x
If the input voltage is below 300V, the wallbox recognises undervoltage and switches off. Have the installation checked.					
Input voltage high	OFF	OFF	OFF	OFF	Flashes 3x
If the input voltage exceeds 460V, the wallbox recognises undervoltage and switches off. Have the installation checked.					
Short circuit	OFF	OFF	OFF	OFF	Flashes 4x
In the event of a short circuit on the wallbox, you should switch off the power supply immediately and contact a qualified electrician without attempting to rectify the problem yourself.					
Input current is too high	OFF	OFF	OFF	OFF	Flashes 5x
If the input current is too high, the wallbox switches off. Have your installation and cables checked for damage.					
Temperature too high	OFF	OFF	OFF	OFF	Flashes 6x
Ensure that the ambient temperature is below 60°C. If the internal temperature is too high, the wallbox will switch off. Avoid direct sunlight.					
Error Rest	OFF	OFF	OFF	OFF	Flashes 7x
Check whether the rest switch is actuated.					

TECHNICAL DATA

Mains voltage:	3-phase 400V 50/60Hz or 1-phase 230V 50/60Hz
Standby consumption:	<3W
Charging plug:	IEC62196-2 type2
Output:	Max. 11KW 3-phase 415V
Output current:	max. 16A
Residual current detection:	TypeA+DC6mA RCD
Contact resistance:	≤0.3mΩ (LN)
Insulation resistance:	500MΩ (1.000V AC)
Contact temperature rise:	≤50K
Charging mode:	IEC62196-2, IEC61851-1
Operating humidity:	5%-95%
Flammability class:	UL94V-0
Shock resistance:	IK10
Protection function:	Overvoltage, undervoltage, overcharging, temperature, short-circuit protection device
Withdrawal force:	45N-80N
Mating cycles:	≥10.000 (Load-free)
Cooling method:	Passive
Housing:	ABS+PC Housing material
Dimensions:	256x149x96mm
Installation:	Wall mount or portable
Protection class:	IP65
Operating temperature:	-30°C up to 55°C

CHARGING DURATION

The duration of the charging process depends on the capacity and state of charge of your vehicle's high-voltage battery. The charging current (max. 16A) is regulated by the vehicle. Charging performance may be impaired at very low and very high temperatures.

CLEANING AND STORAGE

Only clean the wallbox when it is not connected to the vehicle. Only clean the charging cable and the dirty contacts with a dry cloth. Never use harsh cleaning agents, water or steam jet cleaners.

NOTES ON ENVIRONMENTAL PROTECTION

Information in accordance with the German Electrical and Electronic Equipment Act (ElektroG): Since 24 March 2006, old electrical appliances may not be disposed of with household waste. These electrical and electronic appliances are labelled with a crossed-out dustbin. Owners of old appliances from private households can hand them in at the collection centres of the public waste disposal authorities or at the take-back points set up by manufacturers or distributors in accordance with the ElektroG.