

ZL-IEC-AC16-PV-3 11KW



Wallbox Basic Version



Product Overview

The basic wall-mounted charger is suitable for home use. It is user-friendly, easy to install, stable in performance and has a complete protection mechanism. It is compatible with any electric vehicle.



Intelligent Chip

Automatically fix the non-hardware faults during charging



LED Indicator

LED indicators showing charging status



Easy Installation

Only takes few steps to mount the charger onwall, no complicated wiring process.

Model ZL-IEC-AC16-PV-3 11KW



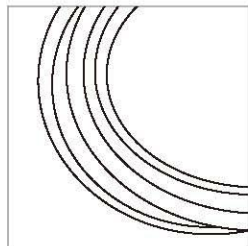
01



LED Light

Different color indicate different information

03



TPU Cable

More environmentally friendly and more resistant to cold and high temperatures.



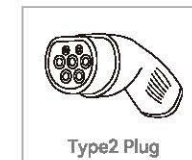
02



RFID Card

Can swipe the card to start

04



Type2 Plug

High Compatibility

Fitting 99.5% EVs , 100% correctly and effectively

Safety Protection

Provide full and complete protection while charging

Waterproof Rating up to IP65

Can maintain normal use even in extreme weather

PRODUCT DETAILS



Every electric vehicle owner has a charging station installed at home for daily use. When they choose home charging stations, below are their concerns:



Easy to install, no need for complicated installation tools.



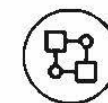
High security, complete protection mechanism and local quality certification.



Simple to operate, no much time will be wasted on figuring out various functions.



Strong stability, simple minor faults can be easily repaired after restarting.



High compatibility, capable to identify various EV models and support the charging settings on different vehicles.

Inport&Outport	
Input voltage/Output voltage	380V AC
Input frequency	50Hz/60Hz
Maximum power	11KW
Input current	16A Max
Charging interface type	ZL-IEC-AC16-PV-3 11KW

Model	
Packing Dimension(L/W/D)	550*375*115mm
Weight	
Certificates	
Certificates	CE,RoHS,Reach

Protection	
Over voltage protection	✓
Residual current protection	✓
Ground protection	✓
Surge protection	✓
Over/Under voltage protection	✓
Over/Under frequency protection	✓
Over/Under temperature protection	✓

Function	
WIFI	NO
LCD	NO
LED indicator light	✓
Current adjusting	NO

Working Enviroment	
IP rating	IP65
Enviroment temperature	-25℃-55℃
Relative Humidity	5%-95%
Maximum altitude	<2000m
Cooling	Natural air cooling

OUR ADVANTAGE

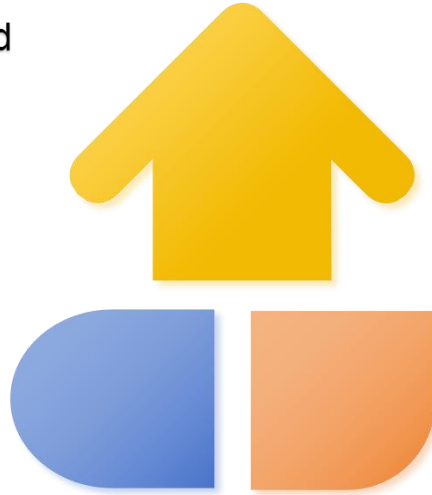
1. Material

Cable: TPU meet the EN50620 standard

- 1) Good wear resistance, tear resistance and bending resistance, can be used with thin walls
- 2) Good mechanical properties, strength 20-40mpa
- 3) Oil, water and weather resistance
- 4) Halogen-free, flame-retardant, high environmental protection
- 5) Good high and low temperature performance

5. Terminal

- 1) We use **copper (more expensive)** rather than brass(cheaper), the copper has extremely high electrical conductivity, effectively transmits current and reduces energy loss.
- 2) Good thermal conductivity helps to dissipate heat and maintain a stable temperature. And have 10000 times life.
- 3) The brass has low electrical conductivity, poor wear resistance



2. Temperature protection

We have high temperature version aim to high temperature markets, rich experience for clients from UAE (Dubai) before

3. Control method

- 1) >95°, completely powered off without charging,
- 2) >85°, the power will automatically drop to 13A
- 3) <65°, 16A charging will be restored.

4. PCB board

For 16A11KW, We use 40A relay, could reduce the heat and temperature better, however most of other suppliers use the 20A relay

6. Shell&house

PC material certified by UL

OUR ADVANTAGE

7. Certification

CE, Rohs, Reach are available

8. Easy to start charging

We have 2 kinds of version to start charging

1) No RFID card

2) With RFID card

9. Small size and portable for home using

10. We have more than 10 years experience in this field with stable quality and strict QC system

11. We have foreign office in Cologne, Germany and foreign office in London,UK

THANKS FOR WATCHING!