



## AC 240V Wallbox EV Charging Station 48A Level 2 Electric Vehicle EV Car Charger 1M Hard-Wired

Our Product Introduction

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### Basic Information

- Place of Origin: China
- Brand Name: MINKO
- Certification: FCC, ETL, Energy Star
- Model Number: Wallbox-l48
- Minimum Order Quantity: 5 pieces
- Price: negotiation
- Packaging Details: L210xW85xH52 (mm)
- Delivery Time: 8 -10 working days
- Payment Terms: T/T, Western Union, MoneyGram, Paypal, Skrill, Transferwise
- Supply Ability: 1000000 pieces per month

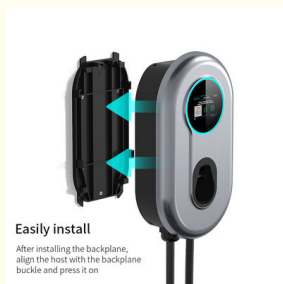


### Product Specification

- Charging Plug: Type 1
- Withstand Voltage: 3000v
- Input / Output Current: 8, 10, 12, 14, 16A, 20, 24, 28, 32A, 36A, 40A, 44A, 48A adjustable
- Max Output Power: 11.52 KW
- Cable Length: 7.4M
- Input Cable: 1M, Hard-wired
- Stand By: <3W
- IP Level: IP65
- Highlight: type1 home ev car charger, 11.52kwh home ev car charger, 240vac electric car battery charger



### More Images



## Product Description

### AC 240V Wallbox EV Charging Station 48A Level 2 Electric Vehicle EV Car Charger 1M hard-wired

#### Description of Type1 Wallbox EV Charger

This product is mainly composed of charging station host, charging gun, wire, installation backplane, installation ingredients package, etc. It is a household electric vehicle charging equipment. The AC charging station is connected to the mains, the electric vehicle will be safely and reliably charged by the charging gun interface; to avoid affecting the product performance, should no acid and alkali and other corrosive gases in the surrounding; try to avoid direct rain or use in environments with high humidity, and should try to prevent damage from impacting the housing.

#### Product parameter description:

|                        |                                                                                                                                                                         |                                                                   |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|
| Model                  | I40                                                                                                                                                                     | I48                                                               |
| Input / Output Voltage | AC 110~240V / Single phase                                                                                                                                              | AC 110~240V / Single phase                                        |
| Input / Output Current | 8, 10, 12, 14, 16A, 20, 24,28, 32A, 36A, 40Aadjustable                                                                                                                  | 8, 10, 12, 14, 16A , 20, 24,28, 32A, 36A, 40A, 44A, 48Aadjustable |
| Max Output Power       | 9.6 KW                                                                                                                                                                  | 11.52 KW                                                          |
| Frequency              | 50/60Hz                                                                                                                                                                 |                                                                   |
| Input Cable            | NEMA 14-50P / 1M, hard-wired                                                                                                                                            | 1M, hard-wired                                                    |
| Charging Plug          | SAE J1772 (Type1)                                                                                                                                                       |                                                                   |
| Length                 | 7.4M                                                                                                                                                                    |                                                                   |
| Withstand Voltage      | 2000V                                                                                                                                                                   |                                                                   |
| Work Altitude          | <2000M                                                                                                                                                                  |                                                                   |
| Stand by               | <3W                                                                                                                                                                     |                                                                   |
| Operating temperature  | -35°C to 50°C                                                                                                                                                           |                                                                   |
| Start method           | Card, WIFI, Bluetooth APP a variety of options to start charging                                                                                                        |                                                                   |
| Protection             | over voltage protection, over load protection, over-temp protection, under voltage protection, earth leakage protection, lightning protection, short circuit protection |                                                                   |
| IP level               | IP65                                                                                                                                                                    |                                                                   |
| Touch Button           | Yes                                                                                                                                                                     |                                                                   |
| LCD Screen             | Yes                                                                                                                                                                     |                                                                   |
| Current Adjustment     | Yes                                                                                                                                                                     |                                                                   |
| Bluetooth APP charging | Yes / No                                                                                                                                                                |                                                                   |
| WiFi APP charging      | Yes / No                                                                                                                                                                |                                                                   |
| RFID                   | Yes                                                                                                                                                                     |                                                                   |
| Timing / Appointment   | Yes / No                                                                                                                                                                |                                                                   |
| Certification          | FCC, ETL, Energy Star                                                                                                                                                   |                                                                   |
| Warranty               | 1 Year for the whole machine                                                                                                                                            |                                                                   |

#### Feature of Wallbox Charger Station with LCD Screen

1. The product complies with the Low Voltage Directive 2014/35/EU, IEC61851-1:2019
  2. IP65, weatherproof; leakage protection; impact resistance
  3. Charging status and working error are simply displayed by LED indicator light and LCD screen
  4. Optional unction of current selection button,
  5. 8A-48A free switching current
- Card, WIFI, Bluetooth a variety of options to start charging

#### Function introduction of Type1 Wallbox EV Charger

##### 1.Residual current detection (RCD)

Ac leakage protection automatically detects the AC mismatch between the power supply wires, which indicates that the current flows through the grounded (PE) wire. Ac residual current fault protection will trip when the current is 30 Ma.

##### 2.Surge protector

In: 3kA, I<sub>max</sub>:6kA

##### 3.Leakage protection

When the leakage protection is started, it needs to be cut off the power outage and restart.

##### 4.Overcurrent protection

When the current exceeds the early warning value,the charging pile cuts off the power output, restarts automatically after 10 seconds, and does not recover automatically after 3 cycles until you cut of the power and restart.

##### 5.Overvoltage protection

The protection starts when the voltage exceeds 275V, and automatically recovers when the voltage is restored and stabilized.

##### 6.Undervoltage protection

Start the protection when the voltage is less than 100V, and restore automatically when the voltage is restored and stabilized.

##### 7.Overttemperature protection

Start the protection when the internal temperature of the EV charging station exceeds 85 °C.

#### Installation Procedure:

1. Please use a percussion drill to drill holes according to the cardboard positioning

2. Install expansion bolts(6\*M6\*60MM)
3. fix the Mounting backplane with self-tapping screws(6\*M5\*50mm)
4. Align the main unit with the buckle on the back panel and install it, and then use screw to fix(4\*M5\*40)

#### Instructions

1. When the machine is on standby normally, the indicator light is fixed blue.
2. Remove the charging gun from the holder, insert the charging gun into the car charging socket.
3. After the gun insertion completed, the vehicle automatically starts to charge normally, and the blue meteor light on.
4. The indicator light always turns blue after the charge is completed.



# COMPONENT FEATURES



EU Standard



US Standard

**LED Charging Indicator**  
Beautiful Blue meteor light



**LCD screen**  
Charging status display

**Quick Mounting backplane**  
Simple and convenient installation method



**EV Charging Plug**  
Self-cleaning pins  
Temperature monitoring



**TPU Cable**  
Long service life  
Environment-friendly



wall End Wire

## FUNCTION & PROTECTION



Over  
Temperature  
Protection



Type B  
Leakage  
Protection



Waterproof  
& Dustproof  
IP65



Ground  
Protection



Over  
Voltage  
Protection



Over  
Current  
Protection



Short  
Circuit  
Protection



Lightning  
Protection





Bluetooth connection can be made to control the charging process and set charging parameters through APP.

APP



Plug and play-swiping the card to start charging more convenient and faster.

RFID

## PRODUCT SIZE



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