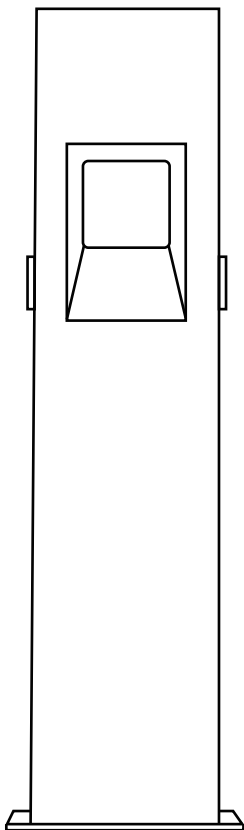


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# AC EV CHARGER

User's Manual



**WAIZIDA**

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# Symbol meaning

symbol	meaning
	<p>"Non-recyclable" mark: located on the product, instruction manual or package, indicating that electrical and electronic equipment and its accessories should be treated separately from ordinary household waste. When scrapped, it should be treated as industrial waste, otherwise it may cause accidents.</p>
	<p>Warning sign: indicates danger. Pay attention to the personal injury that may be caused by operation procedure or incorrect operation. Actions after the "warning" mark can only be performed when the conditions indicated by the condition are fully understood and satisfied.</p>

Thank you for your interest in our product. Our company focuses on the charging field of new energy electric vehicles, and is committed to providing excellent charging equipment and complete charging operation solutions for customers and many well-known automobile factories. The electric vehicle charging station developed and produced by our company has advanced functions, stable performance, wide application range and strong practicability, and has a mature charging station construction and operation solution, which has a good reputation in the industry. Please read this instruction manual carefully before using the product.



**ISO9001**



**CE**



**UKCA**



**IEC 61851-1**



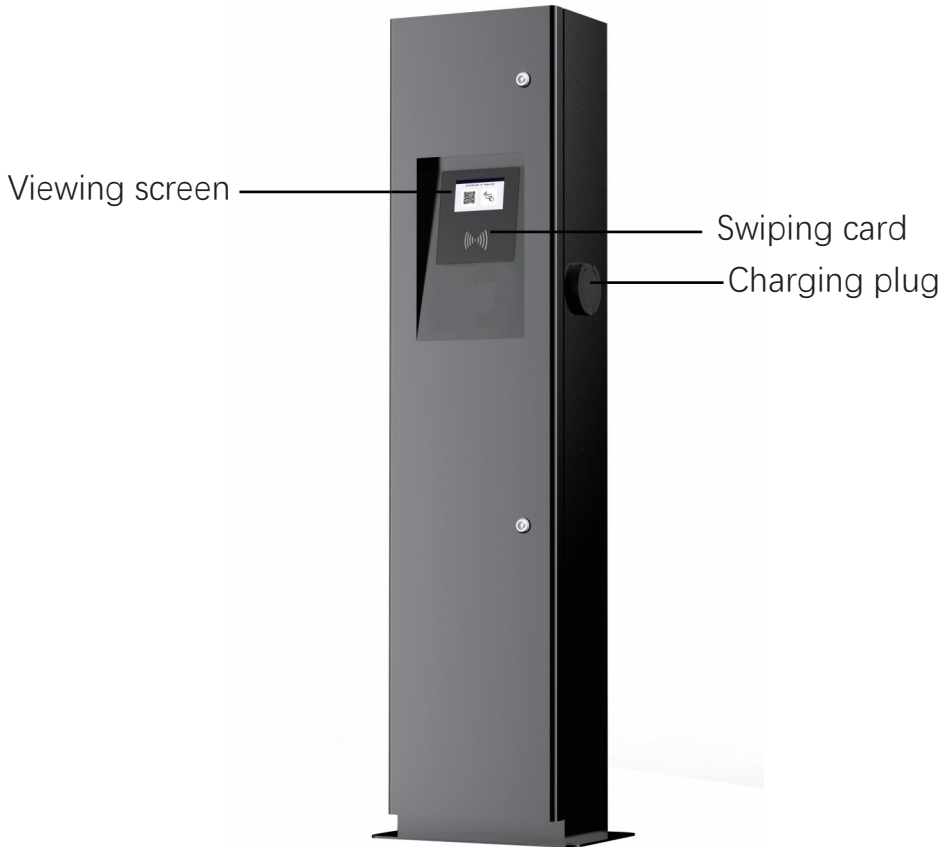
**MACHINE AND PRODUCT TEST**

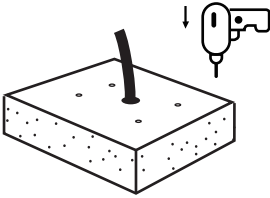


1. It has card swiping start and remote stop start
2. Reservation charging function, which can be charged regularly according to user needs, and it will automatically end when fully charged.
3. Equipped with display screen, real-time display of charging information estimation full time.
4. With overload protection, overvoltage protection, undervoltage protection, short circuit protection, overtemperature protection, emergency stop and other functions.

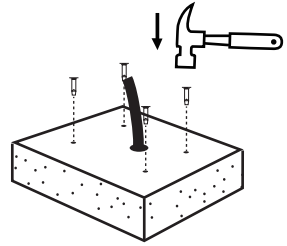
**Model L2 Socket Style EV Charger Data Sheet**

FLOOR MOUNTED CHARGER		EUROPEAN STANDARD
PARAMETER	Product Name	44KW AC EV Charger
	Item No.	EE-ACH101-44-7L2
TECHNICAL INFORMATION	Power Input Cable	L1,L2,L3,N,PE
	Rated Voltage	380V
	Rated Current	/
	Rated Power	22kW*2
INTERFACE	Plug Type	Type 2*2
	Cable Length	Charging Inlet
	Housing Material	Electrolytic plate+Stainless Steel
	LED Indicator Lamp	Optional
	Screen	4.3 Inch Control Screen
	Display Parameters	Charge Voltage, Charge Current, Charge Quantity, Fault Code
	Charging Way	Plug And Charge
COMMUNICATION	Ethernet	Support
	RFID	Support
	OCPP	Support
	4G	Optional
SAFETY	RCD	Type A +6mA DC
	IP Rate	Connector IP54
	Safety Protection	Emergency Stop/ Over Voltage Protection/ Under Voltage Protection/Over Current Protection/ Leakage Current Protection/ Ground Protection/Over Temperature Protection/ Short-circuit Protection/ Lightning Protection
	Safety Standard	IEC/EN62752
	Warranty	One Year
INSTALLATION	Installing Type	Floor Mounted
	Working Temperature	-25°C-50°C
	Working Humidity	5%~95%
	The Cooling Way	Natural Air Cooling
	Dimension	L1560*W320*H226mm
	Net Weight	40KG
	Gross Weight	60KG

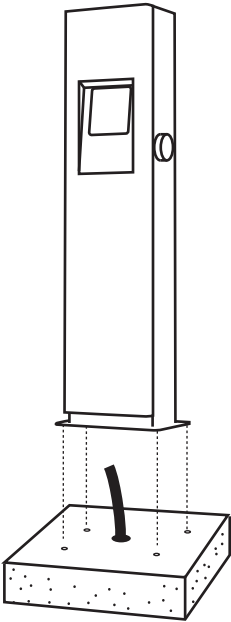




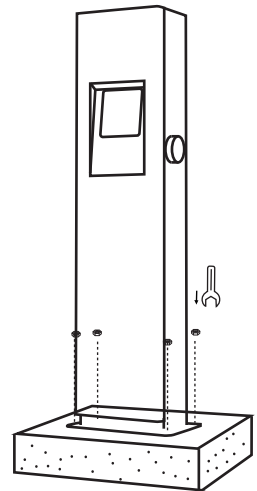
1. Mounting holes. According to the base installation size, punch 4 mounting holes on the base with an impact drill



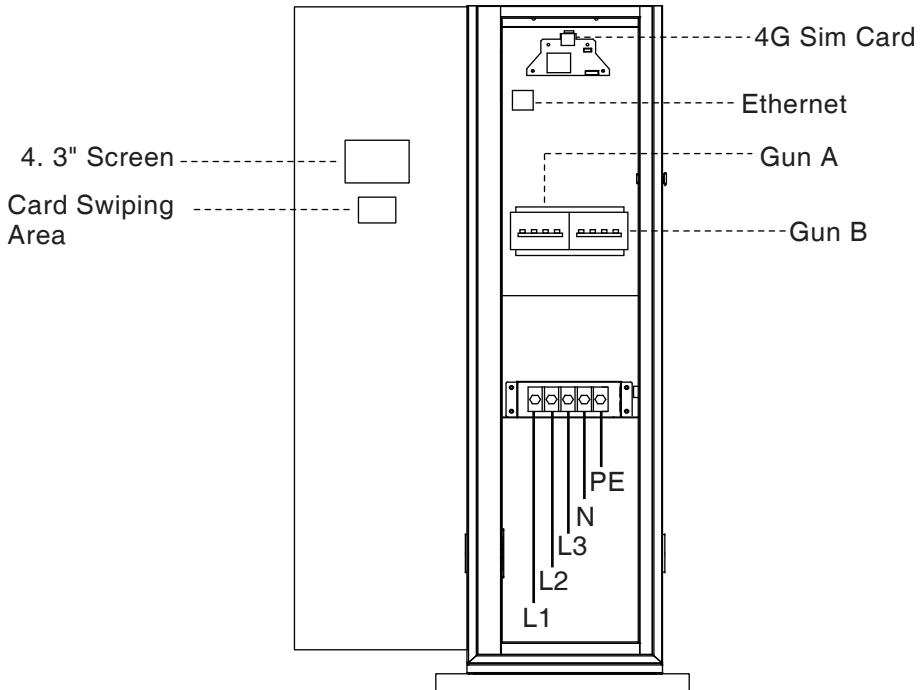
2. Drive in expansion bolts

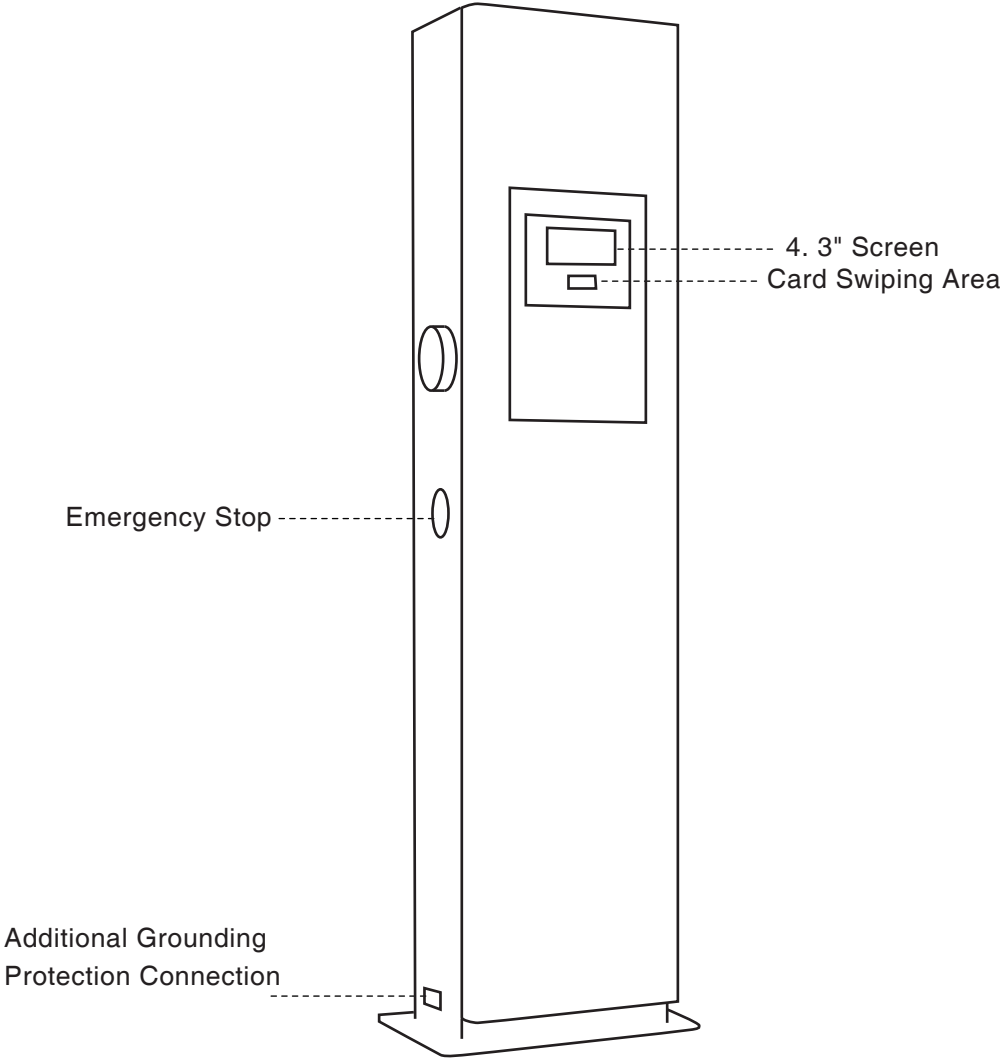


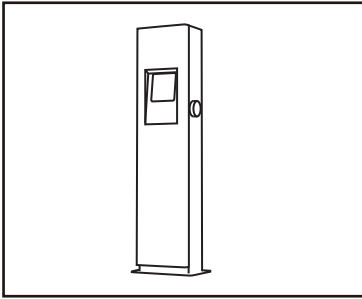
3. Lifting eye bolt



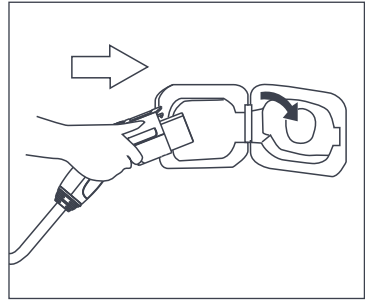
4. Tighten the nut



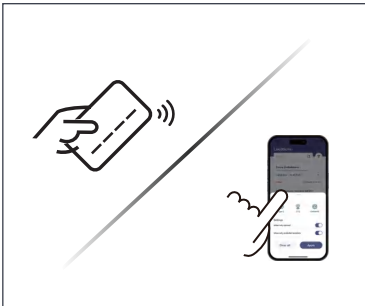




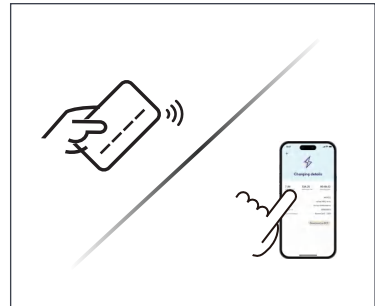
1. Make sure the charging pile is properly connected to the power supply



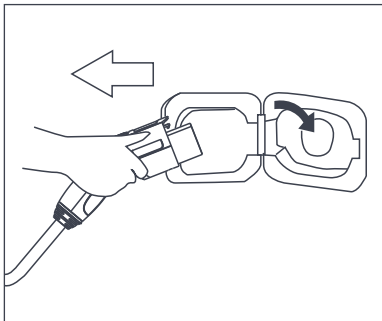
2. Put the charging gun Connect the on-board charging interface



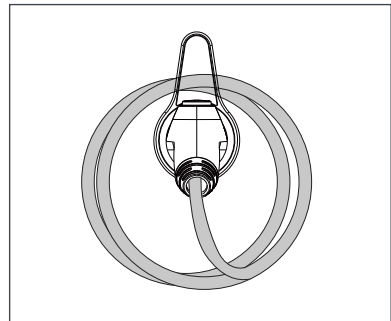
3. Use swipe card or APP to start.



4. Click the APP or swipe the card to end



5. Unplug the charging gun



6. Unplug the charging gun put it back

Emergency Stop	Symptom Possible causes
AC overvoltage	AC input voltage too high
Rule out advice	
<p>1.If the voltage exceeds 265Vac for a short time,wait for the power grid to restore itself to the normalvoltage range.</p> <p>2.Check the background monitoring data and analyze.f the voltage in this area is overvoltage for a longtime,adjust the input overvoltage protection point to 265Vac by configuring software</p>	
The fault name	Symptom Possible causes
AC undervoltage	AC input voltage too low
Rule out advice	
<p>Check the background monitoring data and analyze. If the voltage in ths area is chronically undervoltage (175Vac), the protection point of input undervoltage can be adjusted to 90 Vac at least by coniguringsoftware</p>	
The fault name	Symptom Possible causes
AC overcurrent	Excessive AC input current
Rule out advice	
<p>Check the ac pile installation environment. Check whether there are otherheating devices nearby. Ensure that the ambient temperature is below 50°C.</p>	

The fault name	Symptom Possible causes
eakage current exceeds standard	High leakage current to the ground
Rule out advice	
<p>1. Immediately turn off the leakage/overcurrent protection switches in the power distribution box.</p> <p>2.Check whether the output line of AC pile is damaged or has low impedance to the ground</p> <p>3.After the fault is rectified, power on the device again. If the fault persists, contact us.</p>	
The fault name	Symptom Possible causes
Ground fault	The input/output is improperly grounded or the input L/N is inversely connected
Rule out advice	
<p>1. Immediately turn off the leakage/overcurrent protection switches in the power distribution box</p> <p>2.Check whether the input and output cables of ac piles are grounded properly and whethe the input L/N cables are connected in normal sequence.</p> <p>3.After the fault is rectified, power on the device again. If the fault persists,contact us.</p>	
The fault name	Symptom Possible causes
Abnormal communication(Internet mode)	Poor background communication of AC pile
Rule out advice	
<p>1.Check whether the network cable is properly connected.</p> <p>2.Check whether charging piles are corectly configured in the background.</p>	
The fault name	Symptom Possible causes
Abnormal connection of charging gun	Charging gun CC/CP Connection exception
Rule out advice	
<p>1. Check whether the charging gun is connected corectly and reliably.</p> <p>2. If the fault persists, contact us.</p>	

Fault display	Possible causes
Over-temperature fault	1.The ambient temperature exceeds the operating temperature specification
	2.AC power input voltage too high
	3.Internal charger failure
Device overvoltage	1.AC power input voltage too high
	2.Internal charger failure
Device undervoltage	1.AC power input voltage too low
	2.Internal charger failure
Meter unconnected	1.Metering module failure
Emergency fault	1.Emergency stop button pressed
	2.Emergency stop button damaged
Electric leakage fault	1.Residual current monitoring sensor failure
	2.Residual current leakage occurs
RFID unconnected	1.Card reader failure
Grounding fault	1.Ground Fault
OverCurrent fault	1.Overload protection