



Instruction Manual



Zhangjiagang Uchen New Energy Technology Co.,Ltd

Web : <http://www.uchen.com.cn>

Add : No.999 yongjin road,miaoqiao,tangqiao town,
zhangjiagang city,jiangsu province.china

Dear users! Thank you for using our products.

Please read this guide seriously and storage carefully, in order to you can use and maintain the product (hereinafter referred as charging pile) preferable.

The charging pile includes high-voltage circuit, low-voltage circuit and etc. current circuit. Please don't disassemble or refit by yourself, the fault caused by this won't belong to the warranty. Our company won't responsible for the injure caused by this.

This guidebook is used to use this product correctly, it's not the configuration instruction of this product. About the configuration status, please read the relevant contracts of charging pile (if you have), or advisory the agency.

CATALOGUE

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CATALOGUE

Application :

AC charging pile is used to offer the AC power for the vehicle with battery charger.

AC charging pile can be assembled in all kinds of parking lot public, company and community.

It is also can be assembled in all kinds of large, medium and small charge station. It is adopted self-service way.

It is suitable all kinds of parking lot unmanned, users can charge, pay, etc. independently.

Main function:

Supporting credit-card to charge.

Supporting APP intelligent control (paying, charge, searching, etc.) by phone.

Touching screen operation (the base model)

Real time display the charge capacity, the cost, the duration, the current and so on.

Various charge way: according to the time, the sum, the charge capacity, or charge complacency.

Supporting the max. quick charge is 7KW.

WARNING

It's may cause danger and harm, or damage the device if you don't in accordance with safety guide.

Electrical and fire risk:

Don't use damaged and smudgy charge connector.

The electric system that connect to the charging pile must be checked by professional, it is must be settled for current requirement of charging pile.

The charging pile and connector must be confirmed that without obvious damage.

The charging pile just only be used to charge for EV or PHEV.

Don't assemble the charging pile into the closed container, avoid the charging pile overheating.

Brief instruction

Product appearance



XC32 series AC charging pile, under protection of safety protector offer AC charge for OBC(off-board charger) by specific EV connector through charge control and circuit control.

Product type

SEL-32type



E-stop and incoming line



	SEL-32(basic)	SES-32(brief)
rated voltage	230VAC	230VAC
the max. output current	32A	32A
operating frequency	50Hz/60Hz	50Hz/60Hz
The max. output power	7.2KW	7.2KW
charge control way	IC card/APP QR code	IC card/charge when insert
Human-computer interaction	LCD touch screen (5/8 cun)	OLED screen
IC card	ISO 14443A	ISO 14443A
standby power consumption	10W(8 cun)	6W
communication mode	GPRS	CPRS (optional)
EMI	CISPR22/EN 55022 CLASS B	CISPR22/EN 55022 CLASS B
EMS	EN 61000-4-5 ±2KV/±4KV perf. Criteria B	EN 61000-4-5 ±2KV/±4KV perf. Criteria B
executive standard	EN 61851-1	EN 61851-1
protection level	IP55 (Storang) IP54 (Mated With Vehicle)	IP55 (Storang) IP54 (Mated With Vehicle)
temperature/humidity	-30-50℃ /5%-95% (non-condensate)	-30-50℃ /5%-95% (non-condensate)
altitude	<2000m	<2000m
product weight	8KG	6KG
product size	314mm × 454mm × 135mm	237mm × 343mm × 115mm
installation	pedestal/hanging	pedestal/hanging

Product list

charge device assembly	1
metope hanging plate	2
nut and screw	10
RF ID card	2
specification	1



Caution! The use of product is must matched up A model RCCB[2P-40A,30mA electric leakage, A model RCCB].

Before assembly, please confirm the materials complete, don't assemble if the material lack.

Transportation and storage

The product is packed well before leave factory. Avoid sharp pounding, jolt and damage the package when transport. The storage and transportation temperature is -40℃+70℃, the humidity is $\leq 95\%$, the ambient air shouldn't contain acidity, alkalinity and other corrosive gas or explosive gas.



dangerous!

It is may damage the device due to the improper transportation!

Installation instruction

Safety tip

The people who assemble and use the charging pile must response the follow principle and rule, to confirm the relevant people and device operation normally:

Before device power on, please confirm the device is good earth, to avoid the unnecessary accident.

All of the tools must be insulating treatment to avoid the short circuit or personal injury due to uncovered metal touches metal frame.

Don't refit, add and change any parts whatever any condition.

Confirm the charging pile using life and operation steadily, the device should keep cleaning, constant temperature and constant humidity as possible. The charging pile mustn't use in the environment that contain volatile gas or flammable-explosive environment.

The input voltage, frequency, device breaker of equipment must be confirmed that conform to stipulation.

Safety sign



Caution: this sign represents it would create danger for costumer or damage the hardware seriously if operate improperly.



Danger: this sign represents it would create danger for costumer or damage the hardware seriously if operate improperly.

Caution



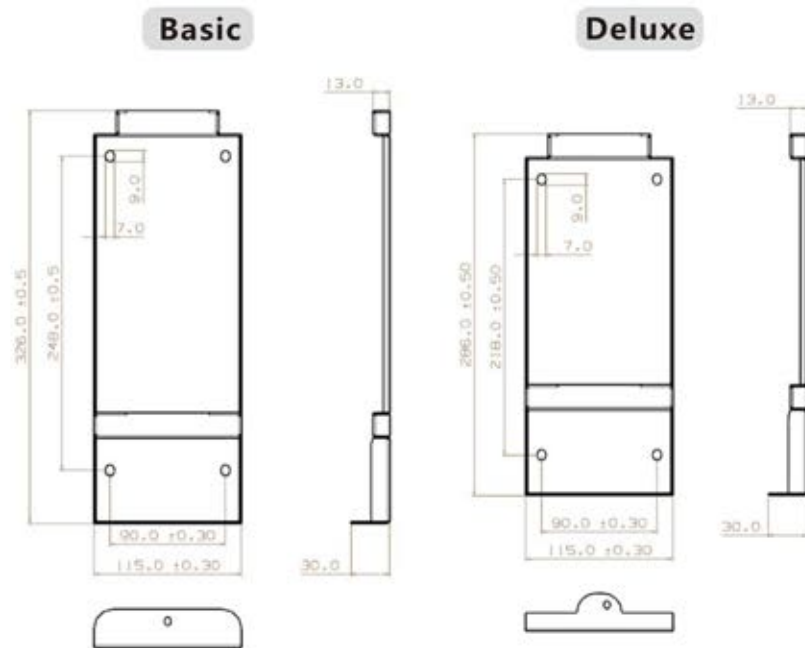
Danger!

- ◆ It would create danger if operate isn' t accord with stipulation.
- ◆ The charging pile using should accord with technical running normally and operation safety.
- ◆ Children mustn' t touch charging pile.
- ◆ The charging pile must be used with the distribution side that with 2P-40A breaker protector.
- ◆ The charging pile must keep away from firework, dusty and corrosive environment.
- ◆ The charging pile input high voltage current, please keep personal safety.
- ◆ If the charging pile break down, it would happen electric shock even death. The E-stop switch can be pressed to cut power.
- ◆ Don' t cut the breaker or press the E-stop switch when the charging pile running normally.
- ◆ The device can' t be disassembly when it is running.

Installation guide

For operation conveniently, the lowest point and the highest point of charging pile should keep 0.4m-1.5m distance from ground.

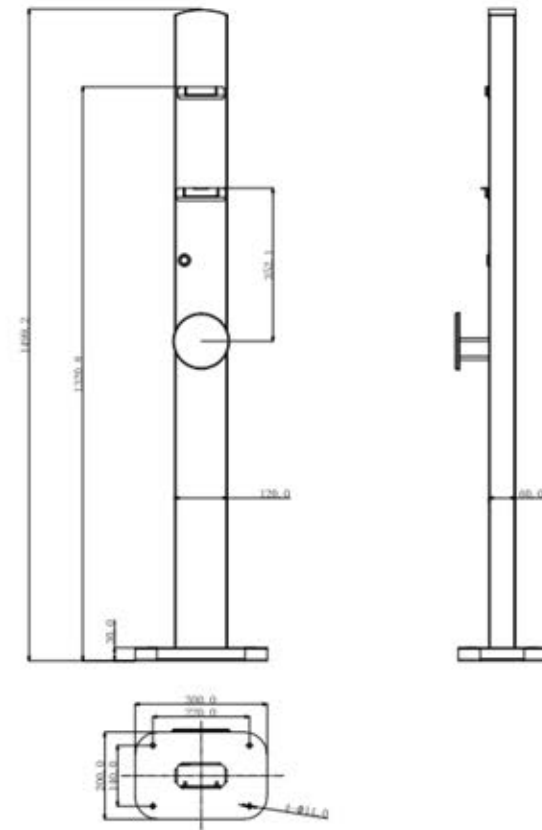
Adapter plate dimension



Warning!

The wall that assemble hanging backing plate thickness is $\geq 200\text{mm}$

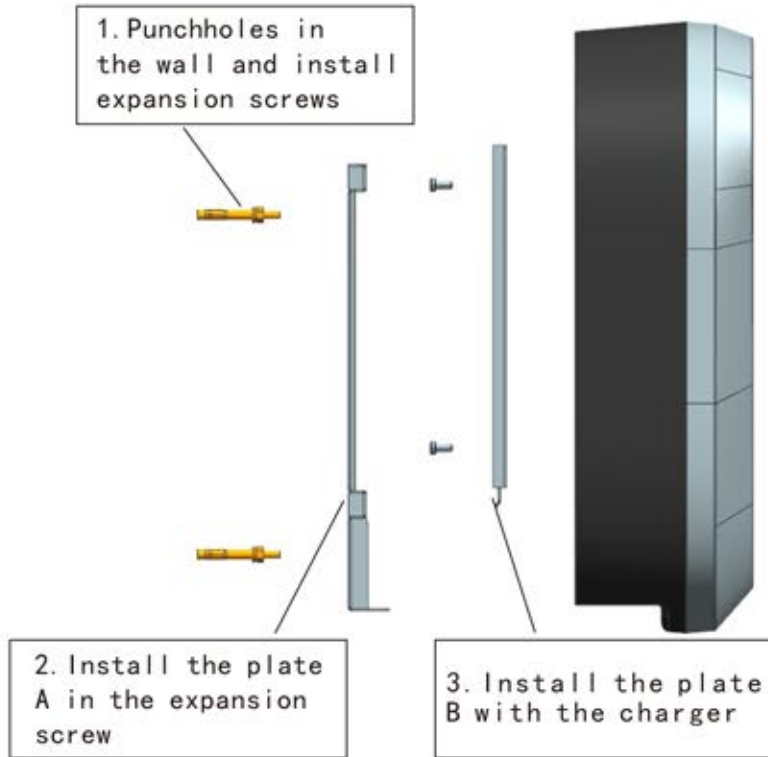
Pedestal installation dimension



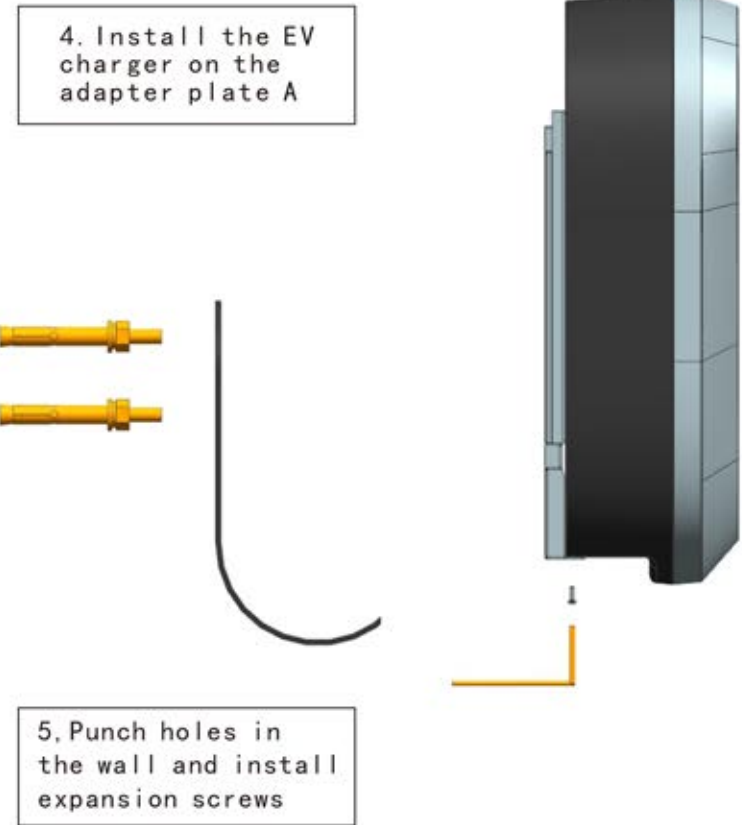
Warning!

The wall that assemble hanging backing plate thickness is $\geq 200\text{mm}$

挂壁安装指南



Caution! The use of product is must matched up A model RCCB[2P-40A, 30mA electric leakage, A model RCCB]. Before assembly, please confirm the materials complete, don't assemble if the material lack.



Danger!

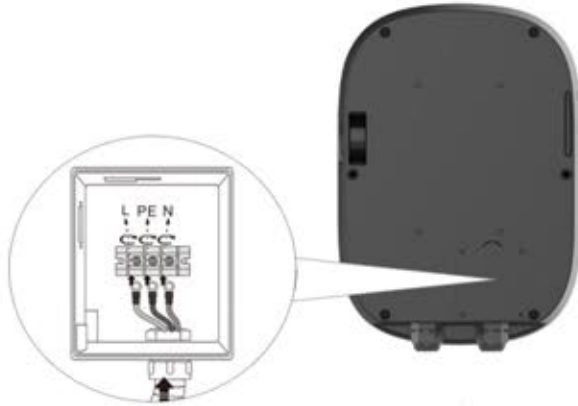
Laypeople installs is would produce danger.

Only electrician who is trained and quified can install the EV charger.

The electric shock would happen if don' t install accord with operation procedure

The electric shock or the serious hazard would happen if don' t observe operation instruction of safety precaution.

AC leading-in box installation guide



Warning!

To prevent electric shock, the base line must be grounded firmly.
The power input line of charging pile must be connected correctly.
The connection of cable and circuit group should solid and reliable. Screw should be fixed. Avoid poor connect create the fire and other dangerous situations.

Cable installation dimension

Independent incoming power line: $\geq 6\text{mm}^2$

Power input line: $3 \times 6\text{mm}^2$ (red/blue/ yellow and green)

Installation completely:



Danger!

Laypeople installs is would produce danger.
Only electrician who is trained and qualified can install the charging pile.
The electric shock would happen if don't install accord with operation procedure.
The electric shock or the serious hazard would happen if don't observe operation instruction of safety precaution.

Instruction

Charge preparation

Turn on the power switch(if it has), arc power indicate light is glow blue light constantly. Round statement light glow blue light twinkling, start completely.

Start power supply

- 1) Pull out rechargeable gun from the charging pile.
- 2) Insert the rechargeable gun to the vehicle electric socket, round statement light glow green light constantly, prepare to charge.



Warning!

According with charging pile reminder to operate.
Please note the force when insert-pull charge plug, don't overexert.

Display information

Status indicator light meaning

Condition	Arc power indicator light	Circular status indicator light	Remarks
Standby	Blue breathing lamp	Blue breathing lamp	
prepare for charging	Green often on	Green often on	simple one has no this state
Charging	Green often on	Green often on	
End of charging	Green often on	Blue often on	Individual models have no this state
stop	Red often on	Red often on	
electric leakage	Red breathing lamp	Red breathing lamp	
over-voltage less-voltage	Red often on	Blue often on	
over-current protection	Red often on	Green often on	
Over temperature protection	Red often on	Blue breathing lamp	
Hardware failure	Red often on	Green breathing lamp	
Power off	Not bright	Not bright	

Maintenance Notes

Check whether the line is aging with the monthly power cut.

Conduct leakage test on the external leakage protector to ensure the normal operation of the leakage protector.

Observe incoming lines to make sure no wire is damaged.

Breakdown and maintenance

The meaning of the error code

Display code	Meaning of code	Solution
0x00010001	The emergency stop switch is triggered	Please ensure safety before releasing the emergency stop switch
0x00010002	Leakage anomaly	Reserved, without this function, temperature control sensor must be connected
0x00010003	Overcurrent protection	Please ensure that safe and start charging
0x00010004	Overvoltage Protection	Please ensure that safe and start charging
0x00010005	Low-voltage protection	Reserved, without this function
Abnormal code of modules outside the main board		
0x00020001	The LCD screen anomaly	Maintenance or professional personnel are required to check the connection or replacement without this function. Reserved,
0x00020002	The OLED screen anomaly	
0x00020003	The RFID screen anomaly	Maintenance or professional personnel are required to check the connection or replacement
0x00020004	Abnormal measurement module of cover meter	Maintenance or professional personnel are required to check the connection or replacement
0x00030005	CPRS communication module communication abnormal	Maintenance or professional personnel are required to check the connection or replacement
0x00030006	Electric lock exceptions	Reserved,
Abnormal code of modules inside the main board		
0x00030010	Abnormal current voltage detection module	Professional personnel are required to repair or return to the factory
0x00030011	System voltage monitoring anomaly	Professional personnel are required to repair or return to the factory
0x00030011	System current monitoring anomaly	Professional personnel are required to repair or return to the factory
0x00030020	System relay abnormal	Professional personnel are required to repair or return to the factory
0x00030021	System relay cannot be opened	Professional personnel are required to repair or return to the factory
0x00030022	System relay cannot be closed	Professional personnel are required to repair or return to the factory
0x00030030	Abnormal built-in leakage protection module	Professional personnel are required to repair or return to the factory
0x00030040	Abnormal motherboard power supply	Professional personnel are required to repair or return to the factory
0x00030041	Abnormal motherboard 5V power supply	Professional personnel are required to repair or return to the factory
0x00030042	Abnormal motherboard 12V power supply	Professional personnel are required to repair or return to the factory
0x00030043	Abnormal motherboard 3.3V power supply	Professional personnel are required to repair or return to the factory