Izar AC Charger

User & Installation Manual

IMPORTANT SAFETY INSTRUCTIONS

SAVE THESE INSTRUCTIONS

WARNING:

This manual contains important instructions for Izar.
Please always follow the following precautions when installing and using Izar especially electric products are involved.

1. Read and follow all warnings and instructions before installing and operating the charger. Install and operate only in accordance with the instructions. Failure to do so may result in death, injury or property damage, which will void the Limited Warranty.
2. Avoid fire risks, install Izar AC charging station only into circuits that are equipped with overcurrent protection for branch circuits. The trip value of the branch circuit breaker for SEA240/40I-U-6/6W/6Y and SEA240/40I-U-14/14W/14Y should be 50A, and 60A for SEA 240/48I-U-H/HW/HY.
3. Before installing the Izar AC charging station, consult with a licensed contractor, such as a licensed electrician, to ensure compliance with local building and electrical codes and standards, climate conditions, safety standards, and all applicable codes and ordinances. Only trained professionals or experts are allowed to install your Izar AC charging station. Inspect the charging station for proper installation before use.
4. Ensure the Izar AC charging station is grounded stably. Failure to ground the charging station can lead to electrocution or fire. Izar AC charging station must be grounded. lf it should malfunction or break down, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. For cord connected model, Izar AC charging station is equipped with a cord having an equipment grounding conductor and a grounding plug. The plug must be plugged into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances. For hard-wired model, Izar AC charging station must be connected to a grounded, metal, permanent wiring system, or an equipment-grounding conductor must be run with the circuit conductors and connected to the equipment grounding terminal or lead on the product.
5. Install Izar AC charging station on a surface that can support the weight of the charging station. Failure to do so can result in death, personal injury, or property damage. Inspect whether the charging station is properly installed before use.
6. Do not put fingers into the electric vehicle connector.
7. When there are children nearby, this device should be supervised.
8. Do not use the charger in hazardous locations. Do not install it near flammable, explosive, or combustible materials.
9. Do not use this product if the flexible input power cable or EV charging cable is worn, has broken insulation, or any other signs of damage. Resort to local customer support in these cases.
10. Do not use this product if the enclosure or the EV connector is broken, cracked, open, or shows any other indication of damage. Resort to local customer support in these cases.
11. Use 221˚F (105°C) wire copper conductors only.
12. Do not operate Izar in temperatures outside its operating range. For charging stations set to 40A/48A, the range is -22˚F to +122˚F (-30˚C to +50˚C).

- Other than the charging cable, Izar contains no field serviceable parts. Do not attempt to repair or service any other part of the unit yourself. If the unit requires servicing, contact local customer support.
- Ensure that the charging cable is properly positioned so that it cannot be stepped on, tripped over, or subjected to damage or stress. Do not close a garage door on the charging cable.

WARNING:
Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.

DANGER:
Caution of electricity.

Caution of fire.

NOTE:
A note gives more details to make use easier.

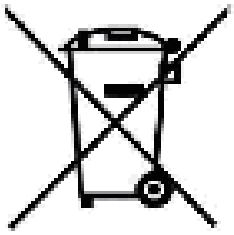
It means that the machine cannot be discarded after use and should be delivered to a dedicated recycling place, otherwise it may cause environmental pollution.

Grounding identification:
This indicates that the product must be grounded during installation. If it is not properly grounded, it may cause death or serious injury.

IMPORTANT:

Under no circumstances will compliance with the information in this manual relieve the user of his/her responsibility to comply with all applicable codes or safety standards. This document describes the most commonly used installation and mounting scenarios. If situations arise in which it is not possible to perform an installation following the procedures provided in this document, contact Sinexcel Electric Co,. Ltd. Sinexcel Co., Ltd is not responsible for any damages that may occur resulting from custom installations that are not described in this document or for any failure to adhere to installation recommendations.

Product Disposal



Electronic components are contained inside the Izar AC charging station and therefore may not be disposed of as part of unsorted domestic waste. Inquire with local authorities regarding proper disposal. Product materials are recyclable as marked.

No Accuracy Guarantee

Commercially reasonable efforts were made to ensure that the specifications and other information in this manual are accurate and complete at the time of its publication. However, the specifications and other information in this manual are subject to change at any time without prior notice.

About the Document

This manual is specifically for the Izar AC charger series products developed and produced by Sinexcel, providing comprehensive guidance for users of electric vehicles to use and maintain this charging equipment. This manual will provide detailed product information and operating instructions for users. Users should read the contents of the manual carefully before use this product and ensure that you understand all the instructions. Please store this manual in a safe place for easy installation, operation, and maintenance personnel to obtain and use.

The copyright of contents, pictures, logos, symbols, etc. used in this manual are all owned by Sinexcel. Without written authorization, it is forbidden to disclose, excerpt and copy part or all of the contents of this manual (including materials and publications).

Liability Statement and Disclaimer

Please install the Izar AC charging station strictly as instructed. Any consequences or risks led by any violation of the instruction should be borne by the user.

Liability for any malfunction and damages that caused by deliberated tamper, out of warranty, unauthorized installation, maintenance and modification or natural disasters (earthquake, lightning, fire, grid issue, floods, etc.) should not be accepted by Sinexcel Electric Co., Ltd.

NOTE: Without Sinexcel's permission, users are strictly prohibited from setting and modifying chargers' parameters by themselves. Any unpredictable faults caused by unauthorized modification will be solved by the user.

WiFi and Bluetooth Wireless Function Declaration

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.
However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

NOTE:
1. This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator & your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.
2. Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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INSPECTION BEFORE INSTALLATION

WARNING: The Izar AC charging station must be installed by a licensed electrician in accordance with instructions in this manual. Failure to do so may lead to death, injury or property damage which shall be borne by the user.

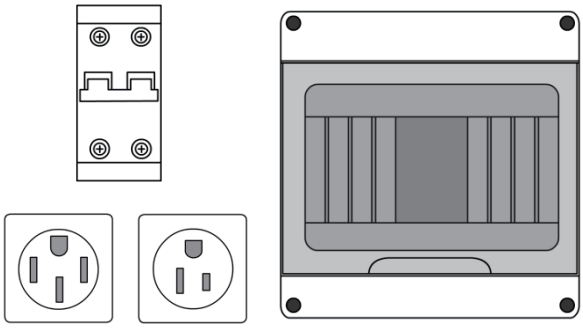
NOTE: Please check whether you have the following parts. (If you are missing any of these parts, please contact local customer support.)

Wall-mounted Installation			
No.	**Name**	**Specification/Materials**	**Amount**
1	User manual	/	2
2	Charging Card	Not apply to SEA240/40I-U-6/14 and SEA240/48I-U-H	2
3	Anti-theft wrench	Stainless T20	1
4	Installation template	L14-11/64*W12-13/64 inches (L360*W310mm)	1
5	Drywall anchors	℄15/64*1-11/64 inches (℄6*30mm) (PE)	4
6	Philip's head screw	Type C GB845-85 Stainless ST11/64*1-11/64 inches (ST4.2*30mm)	4
7	Certificate	/	1
8	Anti-theft screw	Stainless M5/32*25/64 inch (M4*10mm)	1
9	Test report	/	1
10	System electric wiring	/	1
11	Wall-mounting sheet metal	/	1
12	AC charging station	/	1

TOOLS NEEDED

Before installation, you need to get the following ready:

1. One NEMA 6-50P outlet, NEMA 14-50P outlet or a waterproof box and a non-GFCI breaker
2. Drill
3. PVC insulation tape
4. Tape measure
5. Hex key
6. Wrench
7. Screw driver
8. Insulation gloves
9. Wire stripper
10. Crimpling tool



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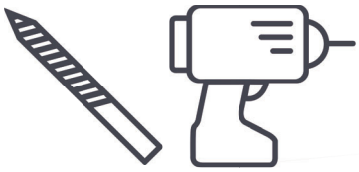

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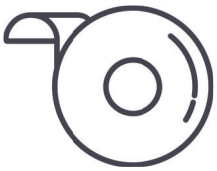

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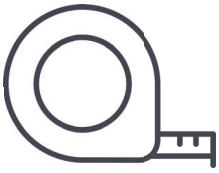

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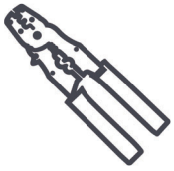

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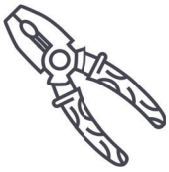

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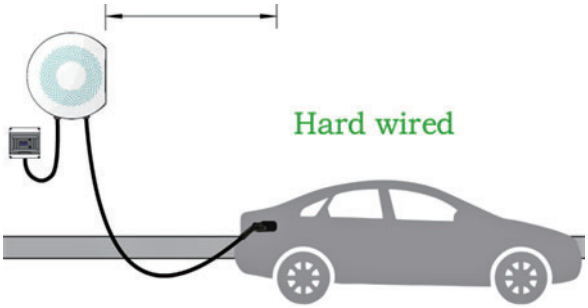
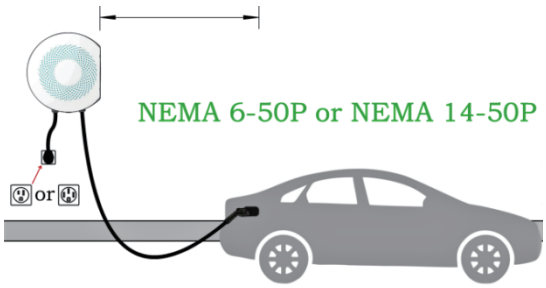
LOCATION DECISION

Decide the charge station's location before installation. As Izar's protection reaches to TYPE 4 (IP65) /IK10, it can be installed both indoors and outdoors except for hazardous area such as sites that are vulnerable to fire or explosion.

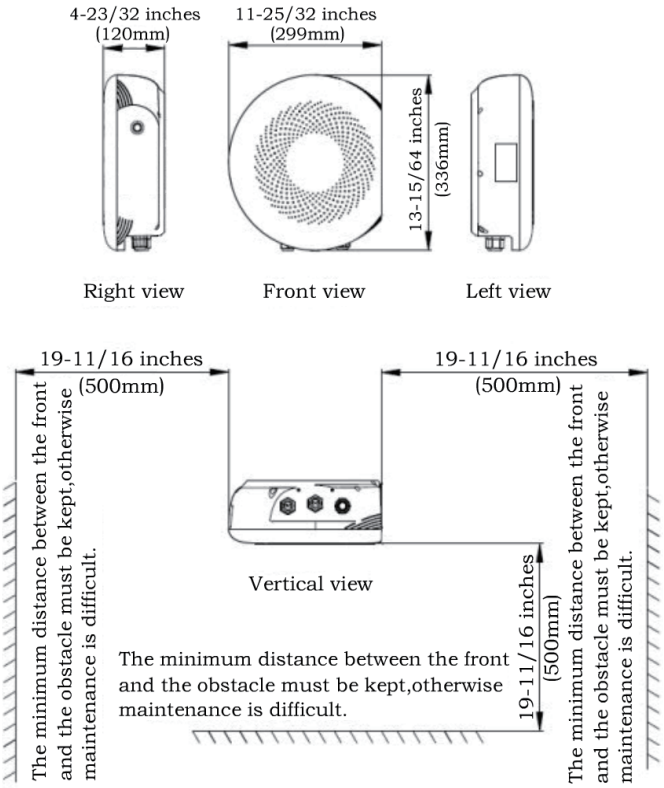
Wall-mounted installation

1. Ensure the location allows the cable to reach the car's charging port while not be taut.





2. There are 3 groups of models (9 models in total) of Izar: SEA 240/40I-U-6/6W/6Y, SEA 240/40I-U-14/14W/14Y and SEA 240/48I-U-H/HW/HY. The former two groups are equipped with plug while the last one is equipped with an input cable of 31-1/2 inches (0.8m) length. If the charger is installed outdoors, an anti-corrosion outlet is needed. And the outlet should be equipped with a high-level waterproof box to ensure there is no chance for water to get inside and thus lead to electroshock.



3. Ensure enough space are left around the Izar AC charging station to facilitate future maintenance.

4. Recommended non-GFCI and dual-pole breaker for Izar:

For SEA 240/40I-U-6/6W/6Y and SEA 240/40I-U-14/14W/14Y: 50A

For SEA 240/48I-U-H/HW/HY: 60A

5. Please note that if the charger is installed in areas that thunderstorms are frequently occurred, ensure the grounding is effective and stable and the upper breaker and the bus should be tightly connected. Please clear all oxide from conductors and terminals.

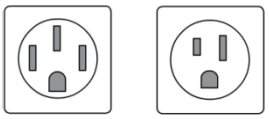
INSTALLATION INSTRUCTION

WARNING: The Izar AC charging station must be installed by a licensed electrician in accordance with instructions in this manual. Failure to do so may lead to death, injury or property damage which shall be borne by the user.

NOTE: Read this part carefully before working and install as instructed.

A. Plug-in installation (SEA 240/40I-U-6/6W/6Y and SEA 240/40I-U-14/14W/14Y)

1. Purchase outlet according to the model of Izar, 6-50R for SEA 240/40I-U-6/6W/6Y and 14-50R for SEA 240/40I-U-14/14W/14Y. If the charger is installed outdoors, an anti-corrosion outlet is needed. And the outlet should be equipped with a high-level waterproof box to ensure there is no chance for water to get inside and thus lead to electroshock.



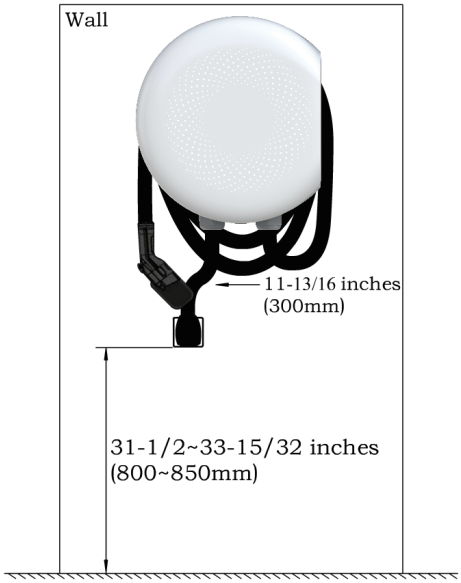
WARNING: Improper connection of the equipment-grounding conductor is able to result in a risk of electric shock. Check with a qualified electrician or serviceman if you are in doubt as to whether the product is properly grounded. Do not modify the plug provided with the product - if it will not fit the outlet, have a proper outlet installed by a qualified electrician.

2. Choose the spec. of outlets' cable. Recommended: UL STW 2P*6AWG + 1PE*8AWG.

WARNING: Do not cut off or remove the plug of Izar (SEA 240/40I-U-6/6W/6Y and SEA 240/40I-U-14/14W/14Y) and install it with hard-wired method, as this can void the even distribution of stress and waterproof function that Izar is originally equipped with after production. Failure to follow this warning can lead to electroshock or death, and the consequence and risk shall be borne by the user.

3. According to local regulation, ensure the main electrical panel supports a voltage as high as 240V and to avoid fire risks, install Izar AC charging station only into circuits that are equipped with overcurrent protection for branch circuits. The trip value of the branch circuit breaker for SEA 240/40I-U-6/6W/6Y and SEA 240/40I-U-14/14W/14Y should be 50A.

4. For plug-in installation, the NEMA outlet should be 31-1/2~33-15/32 inches (800~850mm) from the ground in normal, and 23-5/8~25-19/32 inches (600~650mm) for the disabled. Ensure the outlet is at a proper position that allows the plug to plug in easily.



NOTE:
1. GFCI breaker is not suggested as there is Charging Circuit Interruption Device (CCID) protection inside the Izar AC charging station. If GFCI breaker is used in the upstream, tripping may frequently occur.
2. According to UL Standard for Safety Electric Vehicle Supply Equipment, the plug input cable length is about 11-13/16 inches (300mm). Ensure the outlet is at a proper position that allows the plug to plug in easily.

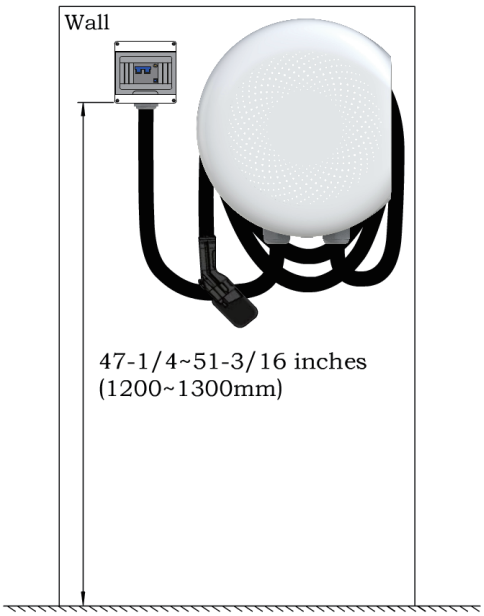
5. Adhere to all applicable regulations and install the charger only with electrical permission.

B. Hard-wire (SEA 240/48I-U-H/HW/HY) installation

WARNING: The Izar AC charging station must be installed by a licensed electrician in accordance with instructions in this manual. Failure to do so may lead to death, injury or property damage which shall be borne by the user.

NOTE: Read this part carefully before working and install as instructed.

1. According to local regulation, ensure the main electrical panel supports a voltage as high as 240V and to avoid fire risks, install Izar AC charging station only into circuits that are equipped with overcurrent protection for branch circuits. The trip value of the branch circuit breaker for SEA 240/48I-U-H/HW/HY should be 60A.
2. Purchase non-GFCI bipolar breakers with a capacity of 60 amps for SEA 240/48I-U-H/HW/HY. And the breaker should be equipped with a waterproof box.
3. For hard-wire (SEA 240/48I-U-H/HW/HY) installation, the waterproof box should be 47-1/4~51-3/16 inches (1200~1300mm) from the ground and 39-3/8~43-5/16 inches (1000~1100mm) for the disabled.



4. Adhere to all applicable regulations and install the charger only with electrical permission.

WARNING: Do not remove the 31-1/2 inches (0.8m) input power cable of the Izar (SEA 240/48I-U-H/HW/HY) and use a longer one for hard-wired installation, as this can void the even distribution of stress and waterproof function that Izar is originally equipped with after production. Failure to follow this warning can lead to electroshock or death, and the consequence and risk shall be borne by the user.

INSTALLATION STEPS

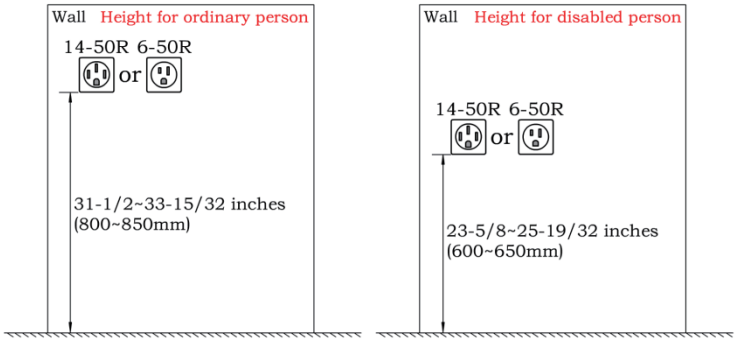
DANGER: Be aware of electric shock. Cut off the power of the electrical panel or open the breaker for hard-wired installation. Never resume the power before the installation is finished. Failure to do so can lead to electric shock and death.

NOTE: Please read Installation Instruction above before work and follow the steps below. Any consequence led by failure to do so should be borne by the user.

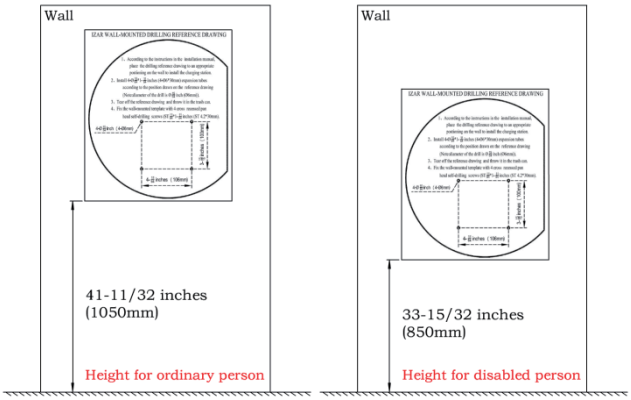
A. Plug-in installation (SEA 240/40I-U-6/14/6W/14W/6Y/14Y)

1. Install the outlet

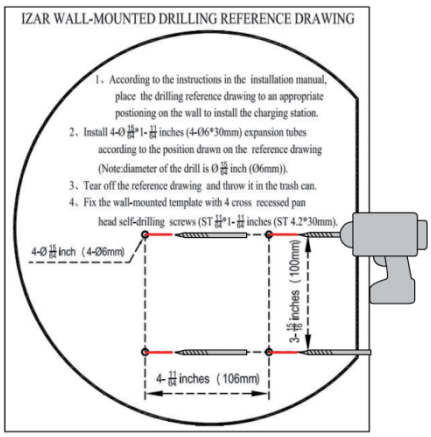
- Please put the grounding hole at the down side when installing the outlet so that the plug of Izar can plug in easily. Cut off the power during installation.
- If the charger is going to be installed outdoors, a waterproof box is needed to cover the outlet and to prevent water getting inside the outlet.



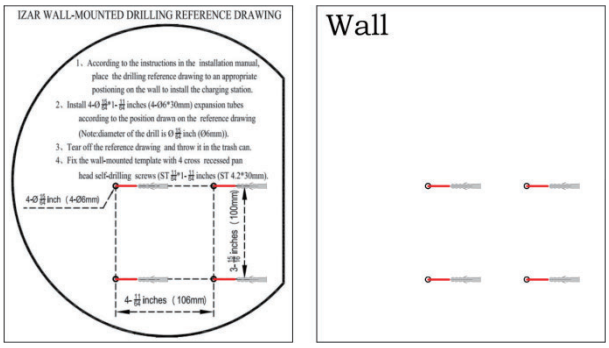
2. Stick the reference drawing on the wall, ensuring the bottom of the label be 41-11/32 inches (1050mm) from the ground in normal, and 33-15/32 inches (850mm) for the disabled.



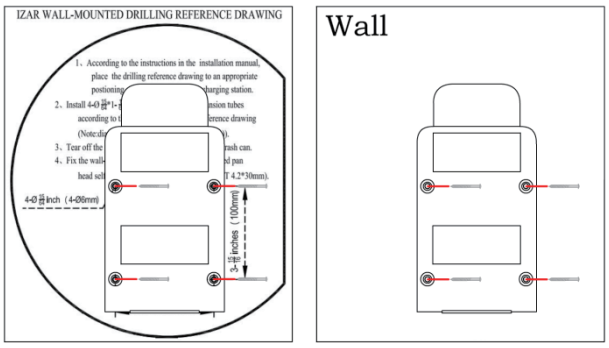
3. Drill holes (φ15/64 inch (φ6mm)) on the wall as the reference drawing indicated. The holes' depth is 1-11/64 inches (30mm). After drilling, the reference drawing can either be taken off or stay on the wall.



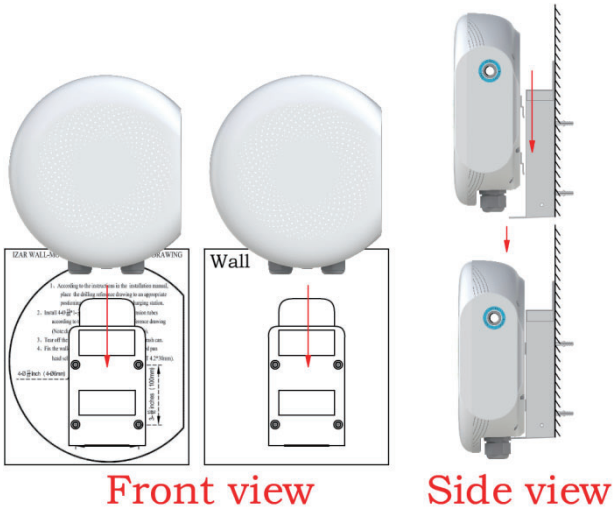
4. Put the 4 drywall anchors (φ15/64*1-11/64 inches (φ6*30mm)) inside holes.



5. Match the holes on the sheet metal with the holes on the wall. Fix the metal with Philips-head screws (self-drilling stainless screws ST11/64*1-11/64 inches (ST4.2*30mm)) and a screw driver.

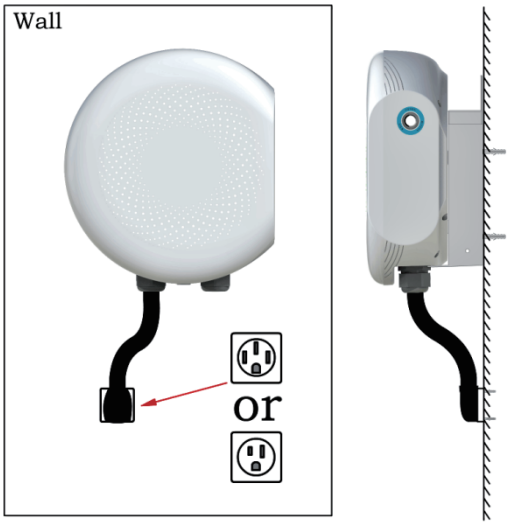


6. Hang the Izar AC charging station on the metal.



7. Fix the charger and the metal with anti-theft screws (M5/32*25/64 inch (M4*10mm)) and a hex key (T20).

8. Plug the charger's plug in the outlet.



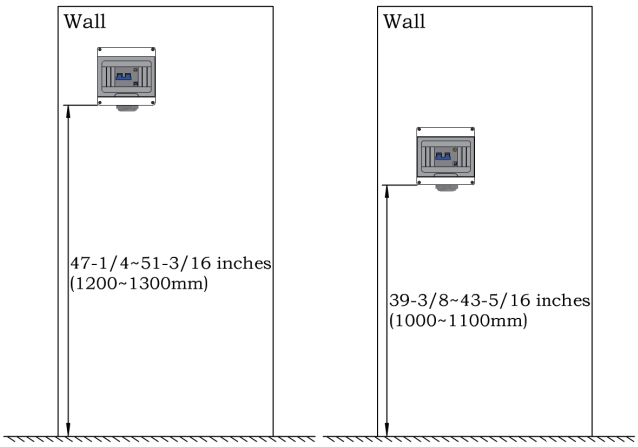
9. Installation finished. Resume the power and check whether the LED light is turned on. If not, cut off the power and check the circuit and connections.

B. Hard-wired installation (SEA 240/48I-U-H/HW/HY)

WARNING: Be aware of electric shock. Cut off the power of the electrical panel or open the breakerfor hard-wired installation. Never resume the power before the installation is finished. Failure to do so can lead to electric shock and death.

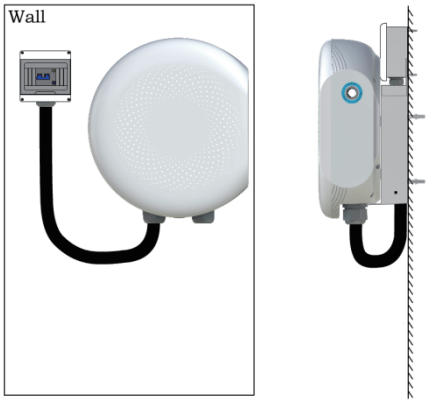
NOTE: Please read Installation Instruction above before work and follow the steps below. Any consequence led by failure to do so should be borne by the user.

1. Install a waterproof box and a bipolar breaker. The box should be 47-1/4~51-3/16 inches (1200~1300mm) from the ground in normal, and 39-3/8~43-5/16 inches (1000~1100mm) for the disabled.



2. Refer to Steps 2-7 in A. plug-in installation at Page 10-11.

3. Connect the input cable of the charger with the breaker and the grounding point.



4. Installation finished. Resume power and close the breaker to see whether the LED light of the charger is turned on. If not, cut off the power first and open the breaker, then check the circuit and connections.

PRODUCT NAMING PRINCIPLE

S E A 240/40 I -U-6/14/H

- 6/14/H
  - 6: Plug 6-50P 14: Plug 14-50P H: Hard wired
  - 6W: Plug 6-50P 14W: Plug 14-50P HY: Hard wired
  - W: WiFi/ Bluetooth /RFID
  - 6Y: Plug 6-50P 14Y: Plug 14-50P HY: Hard wired
  - Y: WiFi/ Bluetooth /RFID/(4G/LTE)
- U: UL certification
- I: Izar Charger
- 40: Rated output current: 40A 48A
- 240: Rated output voltage: 240Vac
- A: AC Charger
- E: Electric vehicle
- S: Sinexcel

PRODUCT APPEARANCE INTRODUCTION

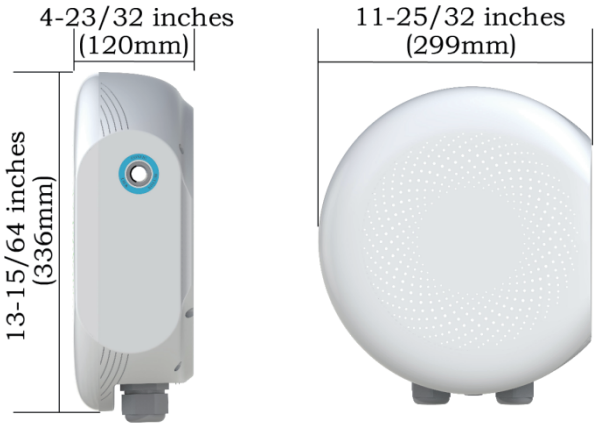
1. NEMA 6-50P plug	**2. LED light**	**3. Reset button**
4. NEMA 14-50P plug	**5. 31-1/2 inches (0.8m) input cable**	**6. Charging connector**

SEA 240/40I-U-6/6W/6Y

SEA 240/40I-U-14/14W/14Y

SEA 240/48I-U-H/HW/HY

No	Name	Functions
1	NEMA 6-50P plug	To get power from the grid with NEMA 6-50R outlet
2	LED light	To display charging and standby status
3	Reset button	AC Charger soft reboot
4	NEMA 14-50P plug	To get power from the grid with NEMA 14-50R outlet
5	31-1/2 inches (0.8m) input cable	To get power from the grid with hard-wired installation
6	Charging connector	Connect to the car



NOTE:

1. Izar series are identical in size and appearance.

2. If the button returns to its initial state within 5 seconds after the reset button is pressed, the reset function is performed; if the button does not rebound within 5 seconds after the reset button is pressed, it is necessary to let the button rebound and then perform the reset operation again. It is normal for the light to go out during the reset process, and when the reset is complete, the light will return to green, indicating that the charger is in standby mode!

DATA SHEET

American-standard AC Charger (residential) Izar			
Model	SEA 240/40I-U-6/6W/6Y	SEA 240/40I-U-14/14W/14Y	SEA 240/48I-U-H/HW/HY
Product name	Izar 6-50P Plug	Izar 14-50P Plug	Izar Hard wired 31-1/2 inches (0.8m)
Basic specifications			
Input/output current	40A		48A
Input/output voltage	Single phase 240V (±15%)		
Dimension	L13-15/64*W11-25/32*D4-23/32 inches (L336*W299*H120mm)		
Weight	13.2 Ibs (6 kg)		15.4 Ibs (7 kg)
Frequency	50/60Hz		
Standby power consumption	≤3.0W		
Connector type	Type 1		
Charging cable	Cable length: 18 ft (5.5m) (25 ft (7.5m) for optional)		
Charging method	RFID/APP/Plug and Charge (SEA240/40/48I-U-6/14/H PnC only)		
Communication Method	Bluetooth, WiFi, 4G(optional) (Not apply to SEA240/40/48I-U-6/14/H)		
RCD	CCID 20		
Charging status indicator	LED		
Meter	Onboard Metering Capabilities (±1%)		
Communication method	N/A		
Working temperature	-22˚F ~ +122˚F (-30˚C ~ +50˚C)		
Relative humidity	5% ~ 95%		
Operation altitude	<6562ft (2000m)		
Installation	Floor-mounted / Wall-mounted		
Protection rating	TYPE 4 / IK10		
Protection	Overcurrent protection, overvoltage/undervoltage protection, lightning protection, short circuit protection, ground fault protection		
Recoverable failure	Input overvoltage and undervoltage, grounding, connector lock abnormality, over-frequency and underfrequency fault, restart charging after recovery, onboard metering abnormality, CT abnormality (optional)		
EMC	Class B (Residential environment)		
Support power system	Single-Phase Three-Wire Systems		
Certification	UL, FCC, ENERGY STAR		
Color	Snow white		
Noise	≤15dB		

LED LIGHT INDICATION

State	LED Light Indication
Standby	Green light on
Connected	Blue light on
Charging	Blue light flickering
Under/over voltage	Red light on, blue flashes for 2s
RCD failure	Red light flashes for 2s
Over current	Red light flashes for 5s
Relay adhesion	Red light on, green flashes for 5s
Meter fault	Red light on, green flashes for 2s
Ground fault	Red light on, blue flashes for 5s
USB data	Blue light flashes for 2s. If the data transfer fails, the light will be off. If succeeds, blue light will be on. Unplug the USB and the light will turn to green.
Reset	During the reset process, the indicator light will go out first, and when the reset is complete, the indicator light will change from off to green.
Buzzer	If the log is uploaded successfully, the buzzer will ring.

NOTE: Please see Page 21 for troubleshooting and solutions.

APP DOWNLOAD

Download APP

For Apple users, please search for Sinexcel AC in the Apple App Store to download and install it. For Android users, please search for Sinexcel AC in the Google App Store to download and install it.

HOW TO CHARGE

NOTE: The reset button is only used for a soft reboot of the charger system and is not an emergency stop button or power restart button. In case of an emergency, please immediately disconnect the circuit breaker or unplug the power plug to cut off the power supply.

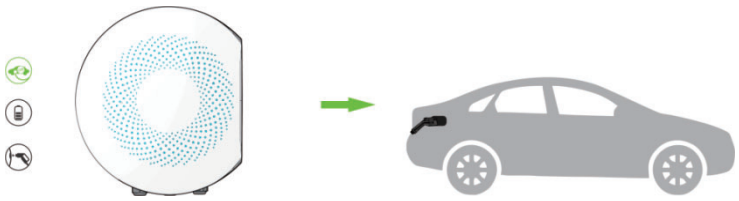
There are three charging methods for Izar: Charge with APP, Charge with RFID card, Plug and charge.

A. Izar's status before charging

When Izar is standby, its LED light is green.

B. Preparations before charging

Regardless of using "Charge with APP," "Charge with RFID card," or "Plug and charge" methods, it is necessary to connect the connector to the electric vehicle before charging. When the connector is successfully connected to the electric vehicle, the LED indicator will change from solid green to solid blue.



C. Initiating charging

After completing the preparations before charging, please follow the corresponding steps for each charging method!

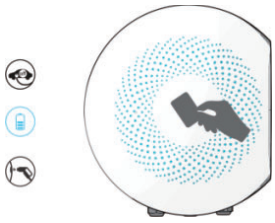
NOTE: SEA240/40I-U-6/14 and SEA240/48I-U-H only support Plug and Charge.

- **Charge with APP**

Please download the APP and follow APP's instruction to initiate charging.

- **Charge with RFID card**

Place the RFID card in the card reading area of the charger. Once the charging station successfully recognizes the RFID card, the LED indicator will change from solid blue to flashing blue, indicating that the charging has been successfully initiated.



- **Plug and charge**

For the first-time use of the plug and charge mode, the charging mode should be set to "plug and charge" in the app. Subsequent usage does not require setting the charging mode again. (Charging will begin when the connector is plugged into the socket, and it will stop when the connector is unplugged.)

D. Finishing charging

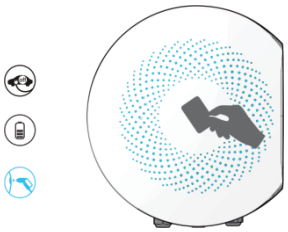
When the charging is finished, the blue light will stop flickering. When the connector is unlocked by the vehicle side and is plugged out, the charger turns to standby state and the light turns to green. When not fully charged, please follow the corresponding steps for each charging method as below!

- **Charge with APP**

Please download the APP and follow APP's instruction to finish charging.

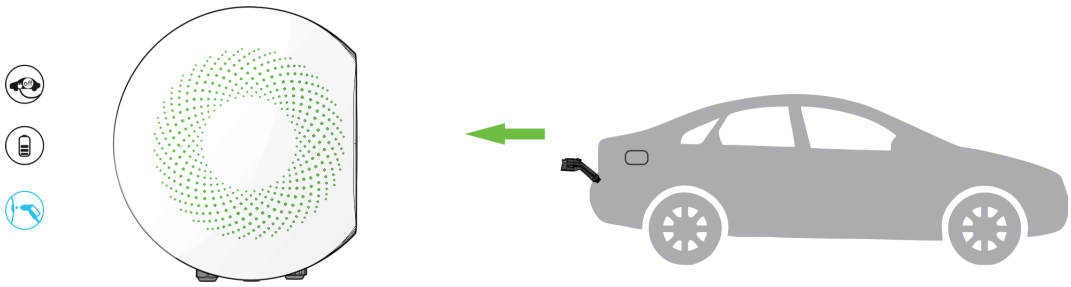
- **Charge with RFID card**

Place the RFID card in the card reading area. After the charger successfully recognizes the RFID card, the LED indicator will change from flashing blue to constant blue, indicating that the charging has been successfully stopped. Then unlock the socket latch and unplug the connector. The LED indicator will change from solid blue to solid green, the charger returning to standby mode.



- **Plug and charge**

If the charging session needs to be stopped when the charging has not finished yet, the vehicle should stop charging and unlock the connector. At this moment the blue light stops flickering and turns to green if the connector is plugged out.



TROUBLESHOOTING

Error code	Error type	Description	Solution
Error 2	Overvoltage fault	The input voltage is greater than 276V.	Check if the input voltage is greater than the default overvoltage value.
Error 3	Undervoltage fault	The input voltage is less than 204V.	Check if the input voltage is less than the default undervoltage value.
Error 4	Overcurrent fault	The output current is greater than the allowed value. (For SEA240/40I-U-6/6W/6Y and SEA240/40I-U-14/14W/14Y, it's 45A; for SEA240/48I-U-H/HW/HY it's 53A.)	Resort to technical support.
Error 5	L1 Relay adhesion fault	The relay contact is overheated, causing adhesion or failure.	Resort to technical support.
Error 6	L2 Relay adhesion fault	The relay contact is overheated, causing adhesion or failure.	Resort to technical support.
Error 7	Communication failure of electric energy metering module	Abnormal communication or fault of electric energy metering module.	Resort to technical support.
Error 10	Leakage fault	The RDC leakage detection module fails or there is residual current in the charging circuit, and the current leaks to the ground.	Resort to technical support.
Error 11	Ground fault	Charger is not grounded.	Resort to technical support.

NOTE: NOTE: View the corresponding error codes through APP/USB export logs or APP alarm prompts! If the above troubleshooting methods cannot solve the problem, please contact the local customer support.

FCC SUPPLIER'S DECLARATION OF CONFORMITY

Supplier's Declaration of Conformity

To whom it may concern:

It is hereby to declare that SINEXCEL INC. do hereby attest that we have made measurements or completes other procedures found acceptable to the FCC part 15B, and ensure that the equipment complies with the appropriate technical standards. The Supplier's Declaration of Conformity are only for the product below, any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Responsible party Type	:	Importer
Responsible party	:	SINEXCEL INC.
Responsible party Address	:	9383 Charles Smith Ave, Rancho Cucamonga, CA 91730
Responsible party telephone number or Internet contact information	:	+1 818 747 8687
Test Report Number	:	230424054GZU-001
Product Description	:	Izar EV AC Charger
Trade Mark	:	Sinexcel
Relevant Standard(s)	:	CFR 47, FCC Part 15, Subpart B:2021

Model List	
SEA240/48I-U-H, SEA240/40I-U-6, SEA240/40I-U-14	

Representative's Name (printed)

Signature Bell

Date

November 10, 2023

MAINTENANCE AND REPAIR

- Every time before use the Izar AC charger, please visually inspect whether the shell, charging cable and connector is broken or damaged. If yes, contact the local customer support.
- Every time before charging, please visually check whether the vehicle inlet is broken or damaged.
- Please clean the shell of the charger every four months with a clean damp cloth. If there is tough stain on the shell, non-corrosive detergent can be used.

STORAGE AND TRANSPORTATION CONDITIONS

- If Izar AC charging station is to be stored after purchase, a dry and well-ventilated space with a temperature range of -40˚F to +140˚F (-40°C to +60°C) is recommended. The product cannot be put reversely.
- Do not store Izar AC charging station near flammable, explosive, or combustible materials.
- When Izar AC charging station is moved or transported, violent shocks, impacts or inversions should be avoided in case of damage.

CYBER SECURITY

WARNING: Do not use the third-party security protocol to connect the Internet as it may cause cyber security risks. Any consequence led by failure to do so should be borne by the user.

Izar AC Charging Series Cybersecurity Disclaimer

- The product is designed to connect with the network interface and transmit information and data through the network interface.
- You are responsible for providing and continuously ensuring the secure connection between the product and your network or any other network, and developing and maintaining any appropriate measures (such as but not limited to installing firewall, authentication, encrypted data, anti-virus program, etc.) to protect the product, network, system and interface, and prevent any type of security vulnerability, unauthorized access, interference, intrusion, data or information disclosure and/or theft.
- SINEXCEL ELECTRIC CO., LTD. shall not be liable for any damage and/or loss caused by the above security vulnerabilities, any unauthorized access, interference, intrusion, data or information disclosure and/or theft.
- Although Sinexcel provides functional tests for the released products and updates, you should develop your own test procedures for any product updates or other major system updates (including but not limited to code changes, configuration file changes, third-party software updates or patches, hardware changes, etc.) to ensure that the security measures you implement are not damaged.

WARRANTY

NOTE: Liability for any malfunction and damages that caused by deliberated tamper, out of warranty, unauthorized installation, maintenance and modification or natural disasters (earthquake, lightning, fire, grid issue, floods, etc.) should not be accepted by Sinexcel Electric Co., Ltd.

A. Warranty Period

The warranty period of this product is subject to the contract. Our products are within the warranty period, and the customer should take the initiative to show the invoice, date and SN number of the purchased product to our service personnel during maintenance. At the same time, the nameplate on the product should be clearly visible, otherwise Sinexcel has the right not to repair.

B. Warranty Condition

- The user has fully complied with the storage, installation and use rules stipulated in this manual and the product has quality problems. When the user unpacks and inspects, finds that the product or components are damaged, and relevant personnel confirmed or kept the damaged parts and pictures.
- For products that fail during the warranty period, our company will repair or replace the same type of products free of charge; the faulty machine after replacement shall belong to our company.

CONTACT US

Our company provides customers with a full range of technical support, if you have any questions about the product or technical problems, please feel free to contact us.

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