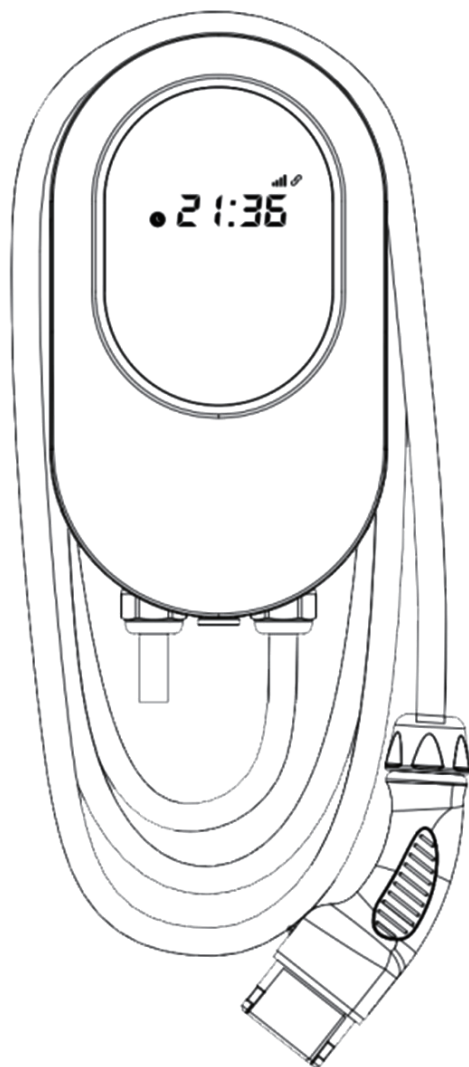

Electric Vehicle AC Charger Instructions

For models:



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WARNING & CAUTION

1. Important Safety Instructions

1.1 Overall Warnings & Cautions

 WARNING:

To avoid fire, injury or death, carefully read and follow the instructions during installation, operation and maintenance.

DONOT put fingers into the electric vehicle connector.

DONOT use this product if the flexible power cord or EV cable is frayed, insulation-broken, or any other signs of damage.

DONOT use this product if the enclosure or the EV connector is broken, cracked, open, or shows any other indication of damage.

DONOT remove cover or attempt to open the enclosure because of risk of electric shock.

 **WARNING:** This device should be supervised when used around children.

 **WARNING:** This device must be grounded.

 **WARNING:** To avoid a risk of fire or electric shock, do not use this device with an extension cord.

1.2 Installation Requirements

 WARNING:

Disconnect electrical power prior to installing the charging station.

 WARNING:

Be sure to preview the user manual and ensure local building and electrical codes are reviewed before installing the AC charger.

 WARNING:

The AC charger should be installed by a qualified technician according to the user manual and local safety regulations.

 CAUTION:

Use appropriate protection when connecting to the main power distribution cable.

 CAUTION:

Type A, B, C or D breaker with the rating current for table should be installed in the upstream AC distribution box.

 CAUTION:

The device shall be mounted at height between 600 mm and 1200 mm from ground.

 CAUTION:

Please keep the charger in a clean area with low humidity. Not recommended to be installed in coastal environments with high humidity or high dust.

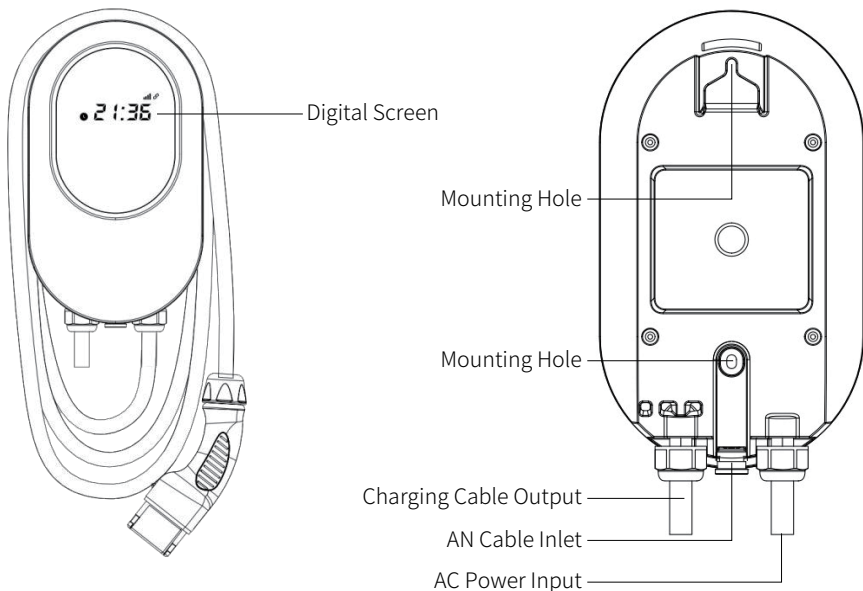
1.3 Daily Maintenance

- ❗ **CAUTION:**
Avoid moisture or water in the charger. If there is water or moisture ingress in the charger, it is necessary to immediately power off to avoid immediate danger, and notify the professionals to carry out maintenance before next use.
- ❗ **CAUTION:**
Please use the charger properly. Do not hit or press hard on the enclosure. If it is damaged, please contact a professional technician.
- ❗ **CAUTION:**
Avoid placing the charger near hot objects and at high temperature locations and away from dangerous substances such as flammable gases and corrosive materials.
- ❗ **CAUTION:**
Do not put heavy objects on the charger to avoid danger.

2. Product Introductions

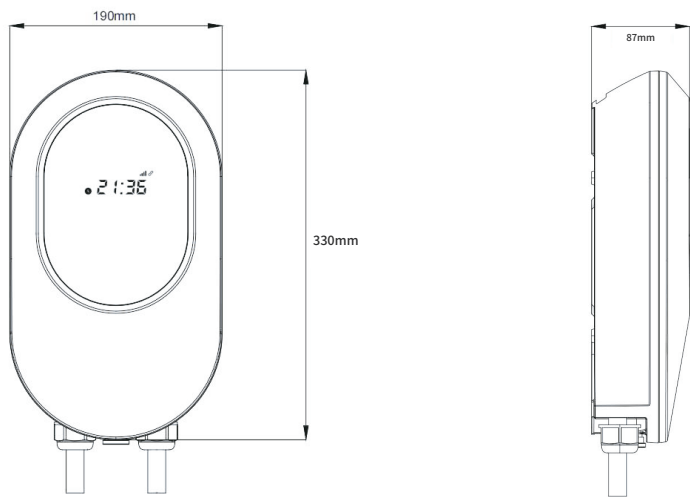
- ❗ **CAUTION:**
Avoid placing the charger near hot objects and at high temperature locations and away from dangerous substances such as flammable gases and corrosive materials.

2.1 Basic Interface

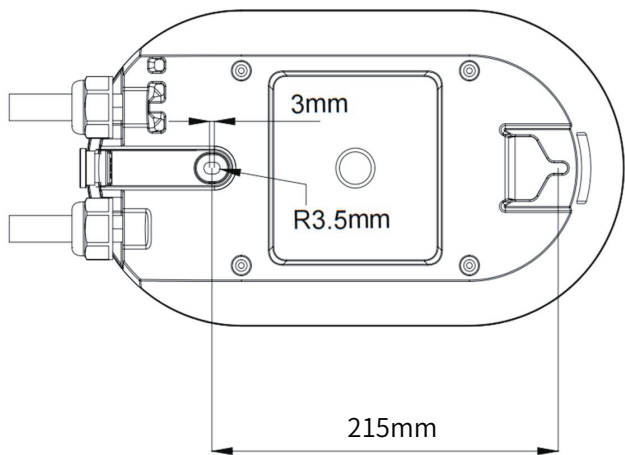


2.2 Basic Dimension

Enclosure



Wall-Mounted holes

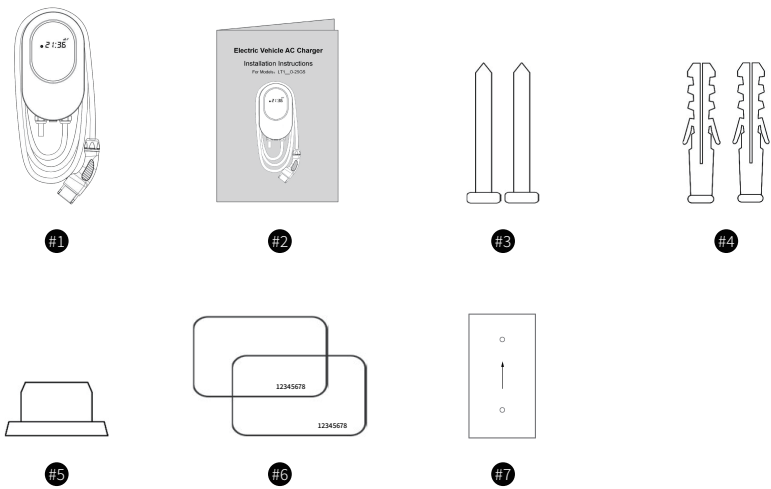


2.3 Specifications

TECHNICAL			
Model Number	A0807-EU01	A0811-EU03	A0822-EU03
Rated Input Voltage	230Vac±10%	400Vac±10%	
Rated Output Current	7kW/32A	11kW/16A;22kW/32A	
Standard Compliance	IEC 61851-1,1EC 61851-21-2		
Charging Connector	6 Meter Tethered Type 2		
Charging Mode	Mode 3		
Electrical Protection	UVP, OVP,RCD (DC 6mA) ,SPD, Ground Fault Protection OCP, OTP, Control Pilot Fault Protection		
FEATURES			
User Interface	Digital Screen		
Multi Cable Entry	Bottom Side		
NETWORK			
Multi Cable Entry	LAN Ethernet		
ENVIRONMENT			
Operating Temperature	-30°C to 50°C		
Operating Humidity	Up to RH 95% Non-condensing		
Impact/ Ingress Protection Rating	ip54		
PHYSICAL			
Housing Material	PC with Anti-UV Treatment		
Dimension in mm	87*190*330(D*W*H)		
Net Weight	≈4.8kg		
OPTIONS			
Communication Protocol	OCPP1.6J		
Electrical Protection	E-stop Button with Protection Cover		
Data Connection	Back-end Service via OCPP / Home App		
NFC Authentication	ISO/IEC 14443A/MIFARE(13.56 MH)		
Pedestal	Single/Back-to-Back Mounted		

3. Accessories

Check the box to ensure you these parts:

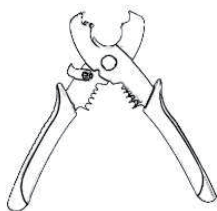


no.	Product Name	Quantity	Description
#1	AC Charger	1	With attached input power cable and output charging cable
#2	User Manual	1	PDF version available online
#3	Screws	2	For installing the AC Charger to the wall/structure
#4	Expansion Rubber Sleeve	2	For Lock Screw to the wall/structure
#5	Screw Cover	1	For covering screw
#6	Standard RFID Cards	2	Control the charger start/stop after authorizing the Administrator RFID Card.
#7	Mounting Template	1	For easy drilling of 2 screws holes for AC Charger.

4. Tool for Mounting

Tools required before installing the Wall-Mounted charger, gather the following tools:

1. Wire stripper
2. Adjustable Wrench
3. Voltmeter or digital multi-meter (for measuring AC voltage at the installation site)
4. Level
5. Pencil or marker
6. Drill
7. Phillips screwdriver



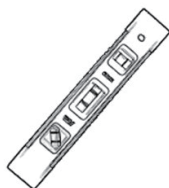
#3



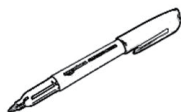
#3



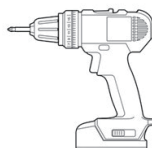
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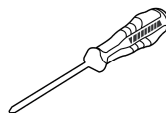
#3



#3



#3



#3

Note: The above tools are very important, please gather them all.

5. Plan The Mounting

⚠ WARNING:

In areas with frequent thunderstorms, add surge protection at the service panel for all circuits. Ensure all power and ground connections, especially those at the breaker and bus bar, are clean and tight.

⚠ CAUTION:

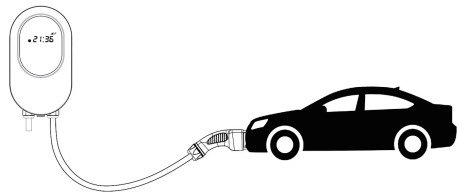
Not recommended to be installed in coastal environments with high humidity or high dust.

USER MANUAL

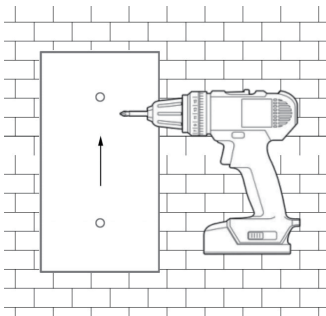
STEP 1

Select the appropriate mounting location with electrical capacity:

- I. Ensure the owner has chosen a mounting location that allows the charging cable to reach the car's charging port while still providing slack.
- II. The device must be anchored into mounting such as 80mm x 130mm stud or a solid wall.
- III. The device shall be mounted at height between 600 mm and 1200 mm from ground.



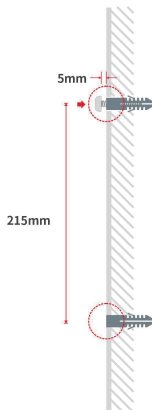
STEP 2



Drill 2 Screw Holes with a diameter of 12mm and a depth of 57mm by using #7 mounting template. Please drill screw holes in the direction of the template arrow.

6.mount the charger

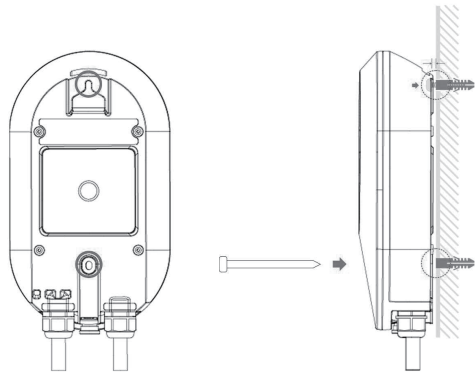
STEP3



Nail #4 two expansion rubber sleeves into the holes and nail #3 one screw to the top expansion rubber sleeves. The distance of cover of screw and wall is about 5mm.

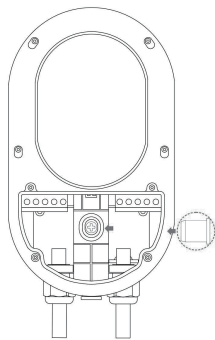
USER MANUAL

STEP4



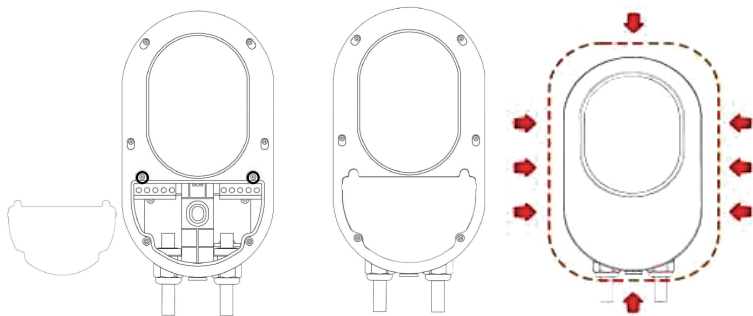
Align the rear notch of charger with holes and hang the top notch on the top screw, fit the #3 screw to the bottom hole.

STEP5



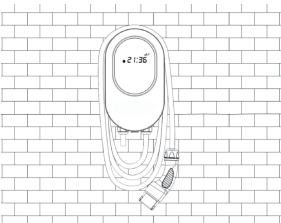
Cover screw with #5 screw cover

STEP6



Fix inside cover on charger with two screws and fasten outside cover

STEP7



Overall outlook picture after installation.

7. Wire The Circuit

⚠ WARNING:

This device must be grounded. Disconnect electrical power prior to installing the charging station.

⚠ WARNING:

Improper connection of the equipment-grounding conductor would result in a risk of electric shock. Check with a qualified electrician or serviceman if you are not sure whether the product is properly grounded. Do not modify the plug provided with the product – if it doesn't fit the outlet, have a proper outlet installed by a qualified electrician.

⚠ CAUTION:

Use appropriate protection when connecting to the main power distribution cable.

STEP 6

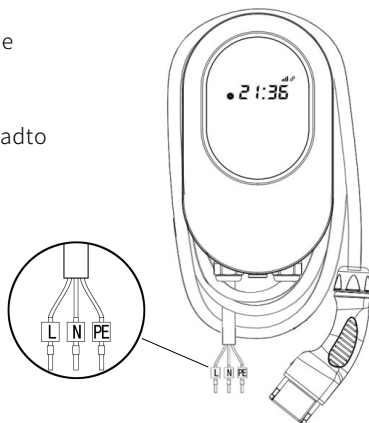
For the safety purpose, please set circuitbreaker protection in the input part of EV Charger. Please follow the instructions below:

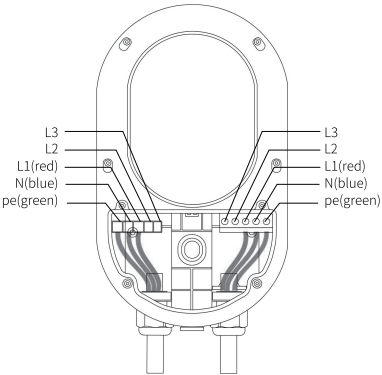
For Single Phase

Connect the L lead to the grid L1, connect the N lead to the grid N, connect the PE lead to the grid PE.

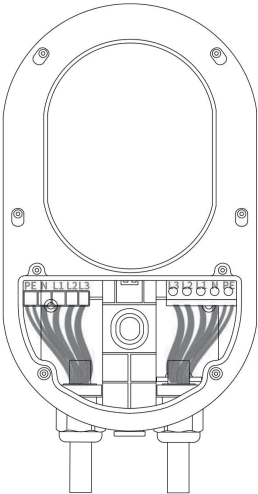
For Three Phase

Connect the L1 lead to the grid L1, connect the L2 lead to the grid L2, connect the L3 to the grid L3, connect the N lead to the grid N, connect the PE lead to the grid PE.





Circuit Breaker Options table	
	1 Phase
Output Amperage (A)	32A
Circuit Breaker Options (A)	40A



Circuit Breaker Options		
	3 Phase	
Output Amperage (A)	16A	32A
Circuit Breaker Options (A)	20A	40A

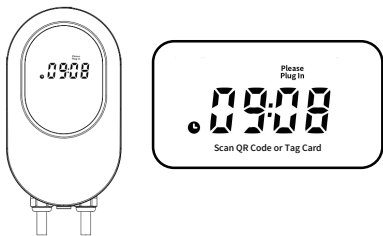
8.Operat the Device

- ⚠ WARNING:**
This device should be supervised when used around children.
- ⚠ CAUTION:**
Please use the charger properly. Do not hit or presshard on the enclosure. If the case is damaged, please contact aprofessional technician.
- ⚠ CAUTION:**
Do not put heavy objects on the charger to avoid danger.

8.1 Operating Steps with Plug and Charge

STEP1

Standby Mode:
After the power has been turned on,you will see the sign “Please Plug In” on the LED screen.



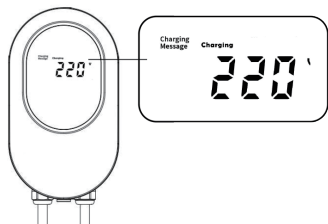
STEP2

Plug the Charging Connector:
Please plug the charging connector into the vehicle charging inlet.



STEP3

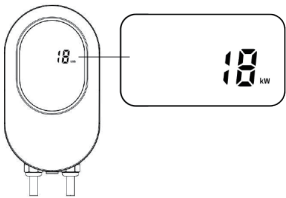
Charging:
The light (Charging) lights, charging is in process. The screen will light circularly voltage, currents and kWh. If the light (▲) is on, plug the vehicle connector again.
If the light (▲) is still on, please refer to “9.2 Error and warning message” .



STEP4

Charging finished:

When the charging is finished or swipe your RFID card, the number of total kWh lights. Please pull out the charging connector.



8.2 Operating Steps with RFID

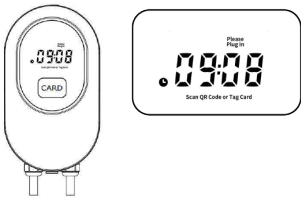
⚠ CAUTION:

Please keep your RFID card properly to avoid unnecessary loss.

STEP1

Standby Mode:

After the power has been turned on, you will see the sign “Please Plug In” on the LED screen and the sign “Scan QR Code or Tag Card”



STEP2

Ready to charge:

Please plug the charging connector into the vehicle charging inlet.



STEP3

Swipe the standard RFID Card:

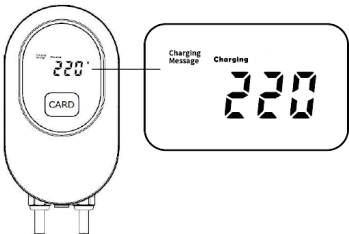
Please plug the charging connector into the vehicle charging inlet and swipe the RFID card.



STEP4

Charging:

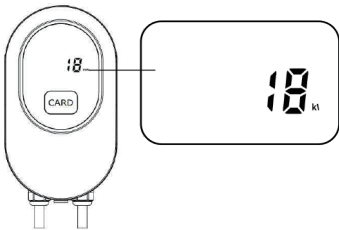
The light (Charging) lights, charging is in process. The screen will light circularly voltage, currents and kWh. If the light (▲) is on, plug the vehicle connector again. If the light (▲) is still on, please refer to “9.2 Error and warning message”.



STEP5

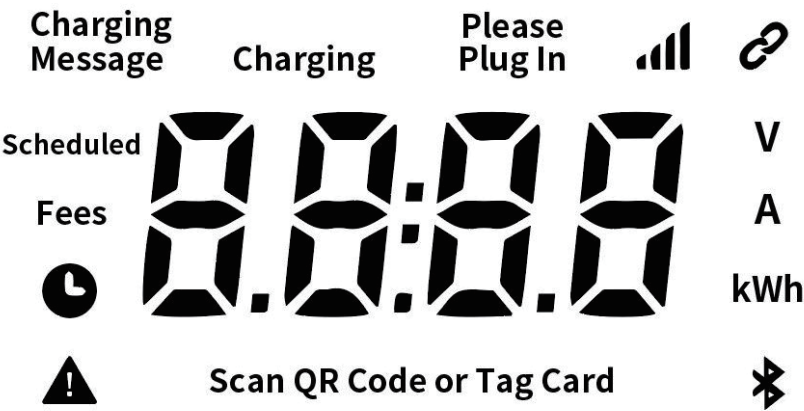
Charging finished:

When the charging is finished or swipe your RFID card, the number of total kWh lights. Please pull out the charging connector.



9. The Digital Screen

9.1 The Details of Screen



9.2 Error and Warning Messages

Status	Screen Display	Remark
Off Ground	0001	Auto Recover
RCD Abnormal	0002	Auto Recover
Over Current Protection	0004	Auto Recover
Over Voltage Protection	0008	Auto Recover
Under Voltage Protection	0016	Auto Recover
Energy Meter Fault	0032	Contact Customer Service
Control Pilot Fault	0128	Auto Recover
Over Temperature Protection	0256	Auto Recover
Ground Fault	0512	Auto Recover
Ground Self-Test	1024	Auto Recover

10. Warranty and Maintenance

- The warranty period for this charger is one year.
 - During the warranty period for any malfunction under normal use according to the User Manual and Service Instructions (to be determined by certified maintenance technicians of sellers), the product shall be repaired free of charge. Except for the following situations, the charger shall be subject to the above warranty terms:
 1. The warranty certificate cannot be provided or the contents of the warranty certificate are modified or inconsistent with the label indication of the repaired product.
 2. Those who are unable to provide valid proof of purchase.
 3. Those who exceed the manufacturer's specified warranty period.
 4. Those who damage the product due to not following the product service instruction for use, maintenance and storage.
 5. Damage or malfunction caused by external object entering.
 6. Unauthorized repair, disassembly or modification.
 7. Damage caused by force majeure (such as lightning, excessive voltage, earthquake, fire, flood, etc.).
 8. Malfunction and damage caused by other unavoidable external factors. Malfunction and damage caused by improper use of equipment, such as water or other solutions entering into the equipment.
 9. Malfunction and damage caused by the grid power supply and voltage which is not specified for use with the charger equipment.
- The above guarantees shall be made solely, and no other express or implied warranties shall be made (including the implied warranties of merchant ability, particular and applicable reasonableness and adaptability, etc.) whether in the contract, civil negligence, or other aspects, the Company shall not be responsible for any special, incidental or consequential damages.