

# EV CHARGING MODE 2

• User Manual



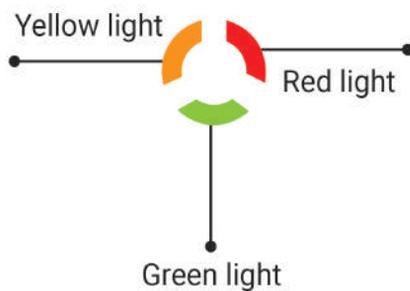
# • Controller OLED Detailed Display Screen

## Model A



LED Status	LED Light Indicator
Ready	Green
EV Connected	Green flash
Connected Error	Red
Charging	Colorful Lights Flash
Reservation charging	Blue
Charging completed	Car side power off Green light flash / Controller power off
Charging Error	Yellow Flash

## Model B



Color	Indicator Behavior	Status
Yellow	Flash	Fault
Green	On Slow flash Fast flash Pulse	Ready Connected Error Charging
Red	Light on	Charging

# • Controller OLED Detailed Display Screen

00:00:00	Ready
19°C	
230V 0,00KW	
16A 0,0A	0,000KWH
	<b>Normal grounding</b>

00:00:00	Charging
18°C	
230V 0,00KW	
16A 0,0A	0,000KWH
	<b>Socket' PE fault</b>

00:00:00	Current charging time
19°C	Current controller temperature
0,00KW	Current charging power
16A	Current charging current mode
	Has connected to the vehicle & waiting for the vehicle to match
	Delayed charging
	End of charging

Ready	waiting for charging	
230V	Current charging voltage	
0,000KWH	Current charge	
0,0A	Current charging current	
Charging...(Dynamic figure guide)		
The car is disconnected, please connect the vehicle (Dynamic figure guide)		

## Steps Quick Guide

<b>Step 1</b> 	<b>Step 2</b> 	<b>Step 3</b> 	<b>Step 4</b> 
Connect power cord to grid	Double click or swipe card	Charge vehicle	Swipe card to set delayed start timer

# • Product Spec

The spec of Zencar Evse		
	Type 1	Type 2
Standard	Sae J1772	Iec 62196-2
Current	3 Versions: 16A: 6A 8A 10A 12A 16A adj 32A: 10A 16A 20A 24A 32A adj 40A: 16A 20A 24A 32A 40A adj	2 Versions: 16A: 6A 8A 10A 12A 16A adj 32A: 10A 16A 20A 24A 32A adj
Input	110/230V AC 50Hz/60Hz	220/380V AC 50Hz/60Hz
OutPut	110/230V AC 50Hz/60Hz	220/380V AC 50Hz/60Hz
IP Class	54	54
Operating Temperature	-25°C to +50°C	-25°C to +50°C

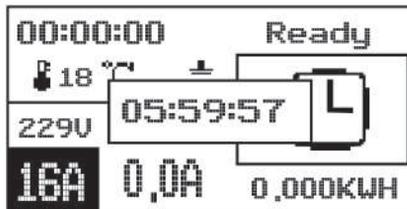
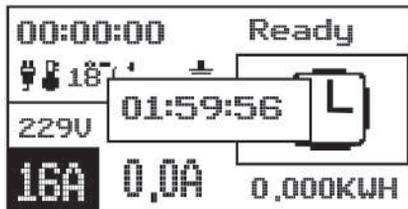
## Circuit board sensor



## 12 Safety protections built in

Vehicle pulsating DC leakage protection	Pressure resistant flame retardant	Electrostatic protection	Protecting earthing detection	Undervoltage protection	Lightning protection
Crush test	Circuit board Temp sensor	Overvoltage protection	Water-proof protection	Intelligent Kernel	Overcurrent protection

- Save More = Timer Function



Use the Delayed Start Timer to schedule your charging session. This allows you to benefit from off peak rates and saves you money. Swipe the card when the plug is connected to the car to schedule the charging session

Turn on timer by swiping RFID card.

RFID Card	Timer Status
Without Swiping	No Timer; Charging starts immediately
1st swipe	Start Charge session after 2 hours
2nd swipe	Start Charge session after 4 hours
3d swipe	Start Charge session after 6 hours
4th swipe	Turn off timer; Charging starts immediately



## • Safety Information

### Save These Important Safety Instructions

This document contains important instructions and warnings that must be followed when using your Mobile Connector.

### Warnings

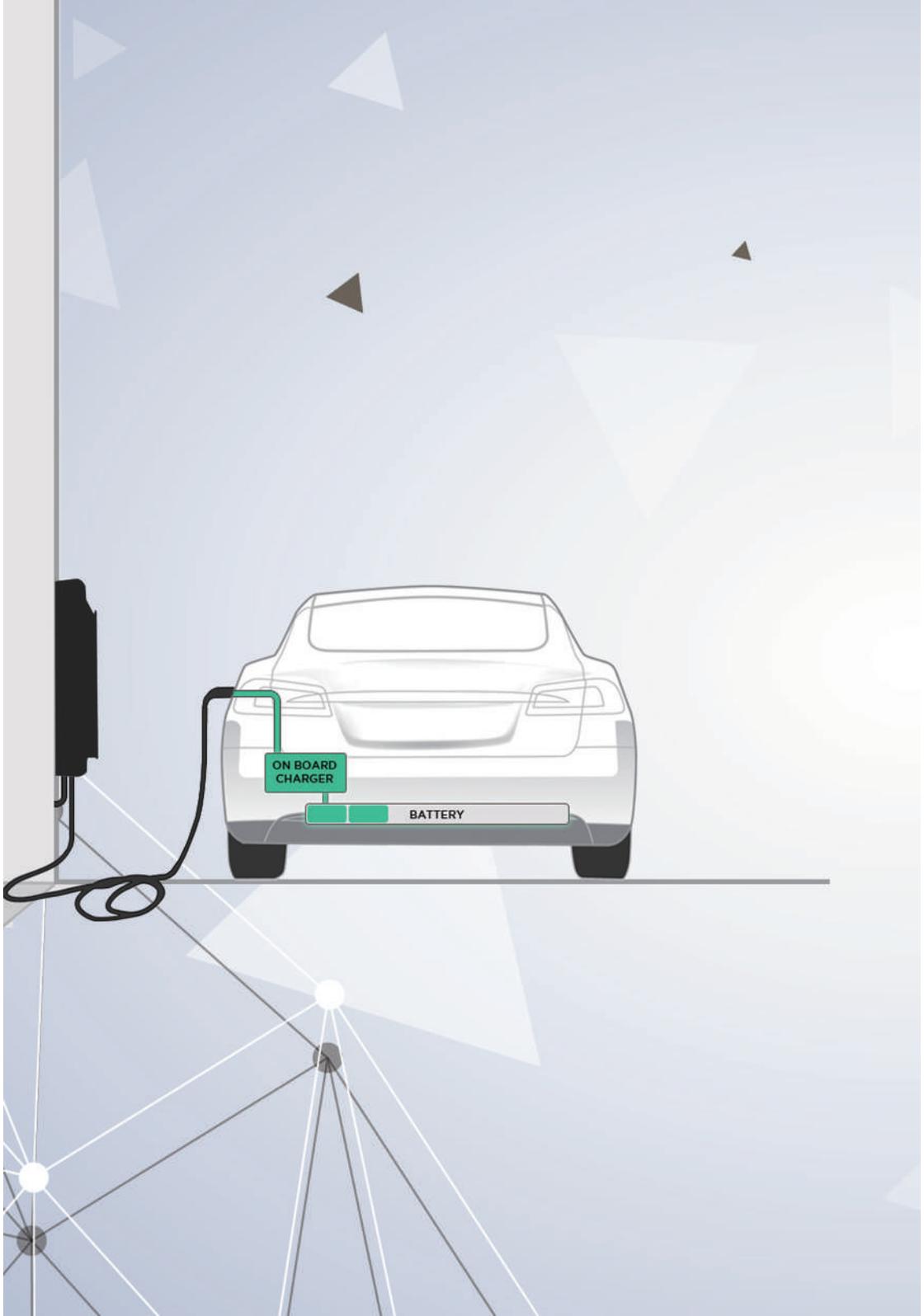
-  Warning: Read this entire document before using the Mobile Connector. Failure to do so or to follow any of the instructions or warnings in this document can result in fire, electrical shock, serious injury or death.
-  Warning: Do not use the Mobile Connector's adapters in any outlet for which they are not designed.
-  Warning: Do not use (or discontinue using) the Mobile Connector if it is defective, appears cracked, frayed, broken or otherwise damaged, or fails to operate.
-  Warning: Do not attempt to open, disassemble, repair, tamper with, or modify the Mobile Connector. Contact agency for any repairs.
-  Warning: Do not use an extension cord, a multi-outlet adapter, a multi-plug, a conversion plug, or a power strip to plug in the Mobile Connector.
-  Warning: Do not disconnect the Mobile Connector from the wall outlet when the vehicle is charging.
-  Warning: Do not plug the Mobile Connector into a damaged, loose or worn power outlet. Ensure that the prongs on the Mobile Connector fit snugly into the wall outlet.
-  Warning: Do not connect the Mobile Connector into a power outlet that is not properly grounded.
-  Warning: Do not expose the Mobile Connector to flammable or harsh chemicals or vapors. Do not use or store the Mobile Connector in a recessed area or below floor level. When using the Mobile Connector in an inside location such as a garage, position the Mobile Connector's main controller at least 18 inches (46 cm) above the floor.
-  Warning: Do not use the Mobile Connector when either you, the vehicle or the Mobile Connector is exposed to severe rain, snow, electrical storm or other inclement weather.

## • Safety Information

-  Warning: When transporting the Mobile Connector, handle with care to prevent damage to any of its components. Do not subject the Mobile Connector to strong force or impact. Do not pull, twist, tangle, drag or step on the Mobile Connector or any of its components.
-  Warning: Protect the Mobile Connector from moisture, water and foreign objects at all times. If any exist or appear to have corroded or damaged the Mobile Connector, do not use the Mobile Connector.
-  Warning: If rain falls during charging, do not allow rain water to run along the length of charge cable, causing the electrical outlet or charging port to become wet.
-  Warning: Do not plug the Mobile Connector into an electrical outlet that is submerged in water or covered in snow. If, in this situation, the Mobile Connector is already plugged in and needs to be unplugged, turn off the breaker before unplugging the Mobile Connector.
-  Warning: Do not touch the Mobile Connector's end terminals with sharp metallic objects, such as wire, tools or needles. Do not forcefully fold any part of the Mobile Connector or damage it with sharp objects. Do not insert foreign objects into any part of the Mobile Connector.
-  Warning: Ensure that the Mobile Connector's charging cable does not obstruct pedestrians or other vehicles or objects.
-  Warning: Do not use cleaning solvents to clean the Mobile Connector.

## Caution

-  Caution: Do not use private power generators as a power source for charging.
-  Caution: Do not operate the Mobile Connector in temperatures outside its operating range of -25 °C to +50°C.
-  Caution: Store the Mobile Connector in a clean dry place in temperatures between -25°C and +85°C.



ON BOARD  
CHARGER

BATTERY