

EV CHARGING MODE 2

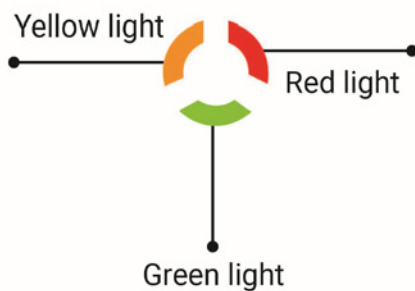
• User Manual



SYNERGY 21

• Controller OLED Detailed Display Screen

Model B



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
	Normal grounding

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

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

Step 1

Step 2

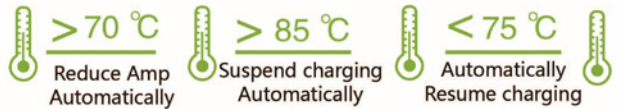
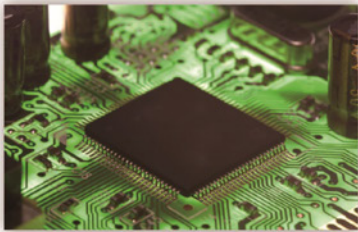
Step 3

Step 4


• Product Spec

The spec		
		Type 2
Standard		Iec 62196-2
Current		16A: 6A 8A 10A 12A 16A adj
Input		220/380V AC 50Hz/60Hz
OutPut		220/380V AC 50Hz/60Hz
IP Class		54
Operating Temperature		-25°C to +50°C

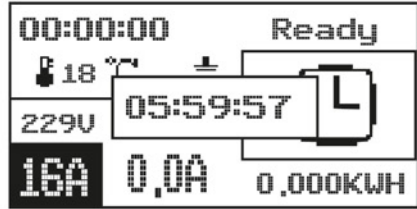
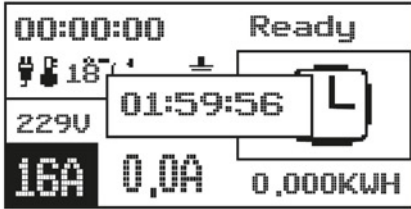
Circuit board sensor



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

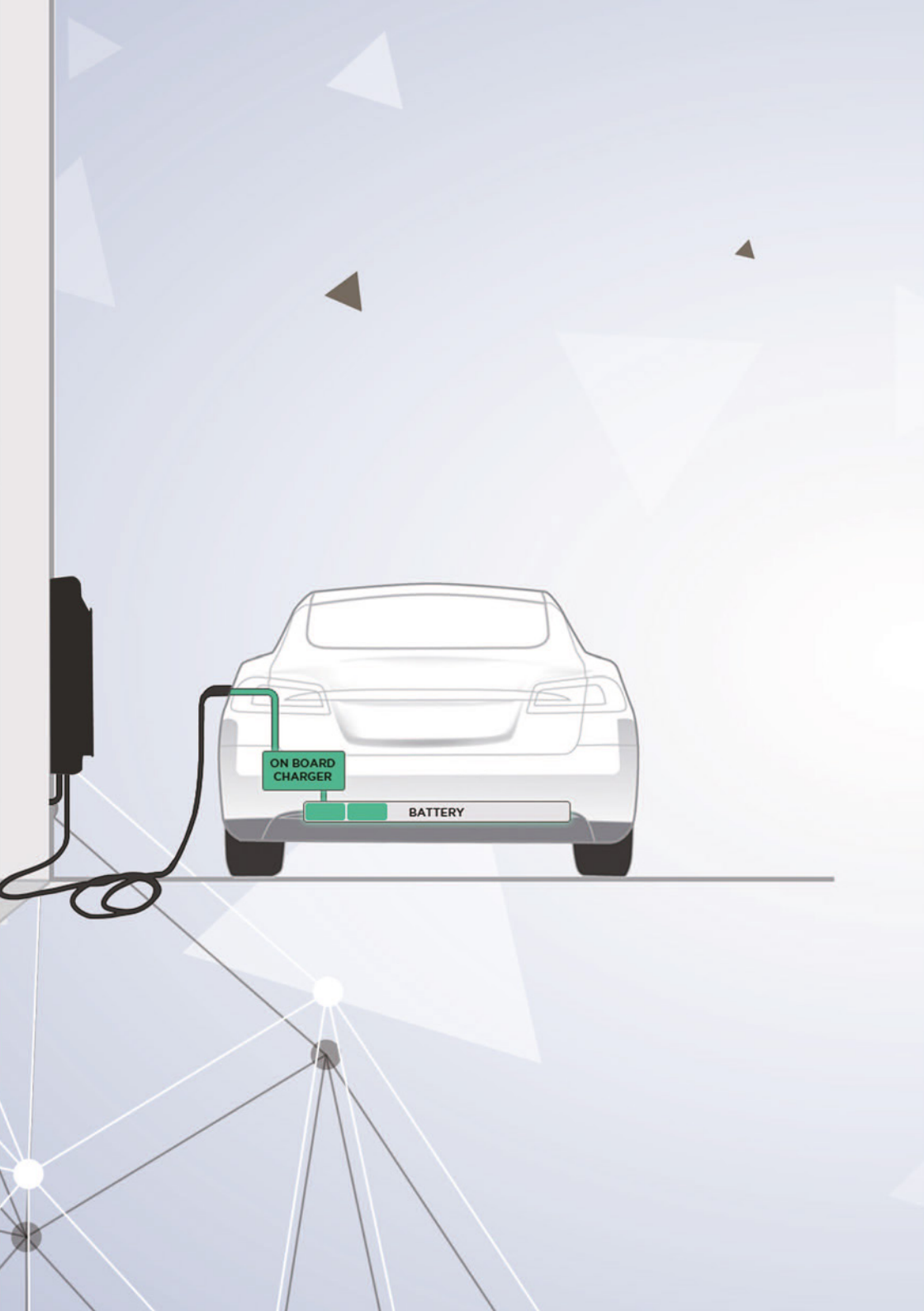
-  Warning: Read this entire document before using the Mobile Connector. Failure to do so or to follow any of the instructions or warnings in this document can result in fire, electrical shock, serious injury or death.
-  Warning: Do not use the Mobile Connector's adapters in any outlet for which they 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