




MERCURY 7 USER MANUAL

Level 2 PHEV / EV Portable Intelligent EV Charger
Expert in Safe Portable EV Charging

Controller OLED Detailed Display Screen

Model B IEC 62752 AC30mA DC6mA

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



Quick Steps Guide



Specifications

Input: 230V AC 50 Hz/ 60Hz 6A-32A (Max)

Output: 230V AC 50Hz/ 60Hz 6A-32A (Max)

Operating Temperature: -25°C to +45°C

IP Class for EVSE enclosure: IP 66

Attention: Max ampere depend on power side plug

Controller OLED Detailed Display Screen

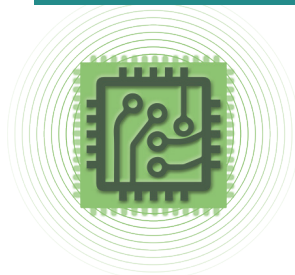
00:00:00		Ready	
19°C			
230V	0,00KW		
15A	0,0A	0,000KWH	
		Normal grounding	

00:00:00		Charging	
18°C			
230V	0,00KW		
15A	0,0A	0,000KWH	
		Socket' PE fault	

00:00:00	Current charging time
19°C	Current controller temperature
0,00KW	Current charging power
15A	Current charging current mode
	Has connected to the vehicle & waiting for the vehicle to match
	Delayed charging
	End of charging

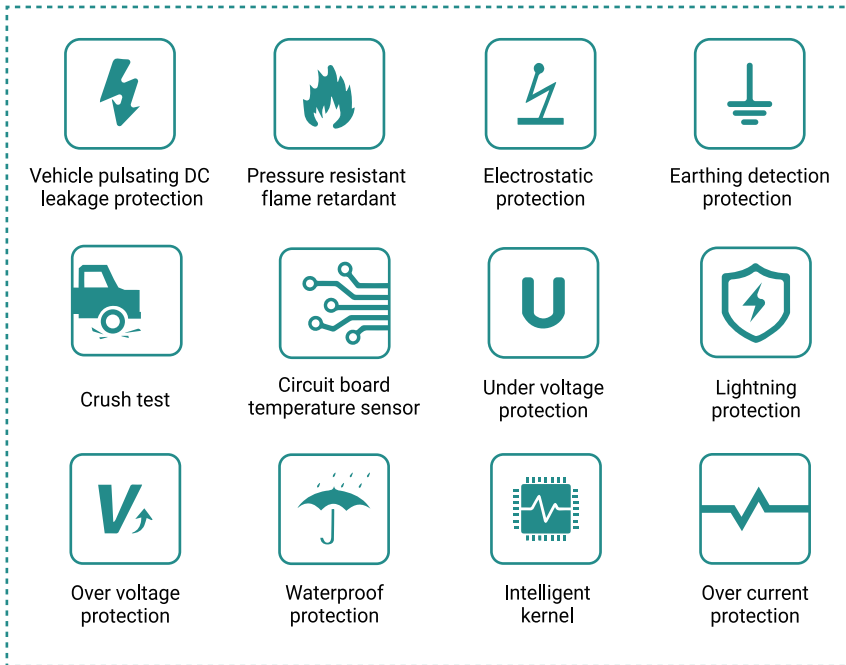
Ready	Waiting for charging
230V	Current charging voltage
0,000KWH	Current charge
0,0A	Current charging current
<p>Charging...(Dynamic figure guide)</p>	
<p>The car is disconnected, please connect the vehicle (Dynamic figure guide)</p>	

Circuit Board Sensor



	> 70 °C		> 85 °C		< 75 °C	
	Reduce ampere automatically		Suspend charging automatically		Automatically resume charging	

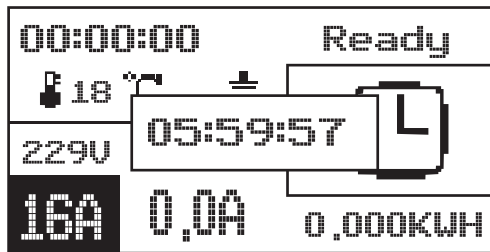
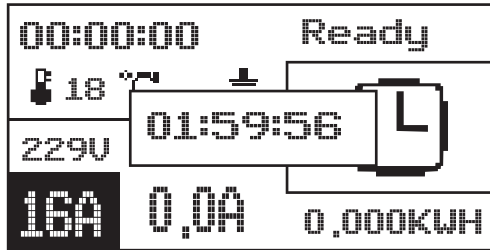
Safety Protection



Product Specifications

Specifications of Mercury 7 EVSE Charger	
	Type 2
Standard	IEC 62196-2
Current	32A: 10A 16A 20A 24A 32A adjustable
Input	220/380V AC 50Hz/60Hz
Output	220/380V AC 50Hz/60Hz
IP Class	54
Operating Temperature	-25°C to +45°C

Timer Function



Use the Delayed Start Timer to schedule your charging session. This allows you to charge whenever you want and save from off-peak electricity charging rates.

No. of Double Tap	Timer Status
Double tap once when the plug is connected to the car to schedule the charging session.	No timer; charging starts immediately
Double tap again to set timer.	
Double tap X3	Start charge session after 2 hours
Double tap X4	Start charge session after 4 hours
Double tap X5	Start charge session after 6 hours
Double tap X6	Turn off timer; charging starts immediately.



Safety Information

Please note and follow these important safety instructions and warnings when using the portable charger. Failure to do so may result in damage to the portable charger, fire, electrical shock, injury or even fatality.

- ⚠ Do not force the portable charger's plug into any incompatible electrical outlet. You may use a suitable single outlet adaptor, subject to local EV charging regulations.
- ⚠ Do not use an extension cord, a multi-outlet adapter, a multi-plug, a conversion plug, or a power strip to plug in the portable charger.
- ⚠ Do not use the portable charger if it is defective, appears cracked, frayed, broken, damaged, or fails to operate.
- ⚠ Do not attempt to open, disassemble, repair, tamper with, or modify the portable charger.
- ⚠ Do not disconnect the portable charger from the wall outlet when the vehicle is charging.
- ⚠ Do not plug the portable charger into a damaged, loose or worn power outlet. Ensure that the prongs on the portable charger fit snugly into the wall outlet.
- ⚠ Do not connect or disconnect the portable charge with any electrical outlet that is not properly grounded.
- ⚠ Do not expose the portable charge to flammable or harsh chemicals or vapours. Do not use or store the portable charger in a recessed area or below floor level. When using the portable charger in such an area such as a basement garage, position its controller at least 18 inches (46cm) above the floor.
- ⚠ Do not use the portable charger if the vehicle, the portable charger or you are exposed to severe rain, snow, electrical storm or other inclement weather.

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

Caution

- ⚠ Do not use private power generators as a power source for charging.
- ⚠ Do not operate the portable charger in temperatures outside its operating range of -25°C to +45°C.
- ⚠ Store the portable charger in a clean, dry place between -25°C and +85°C.



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