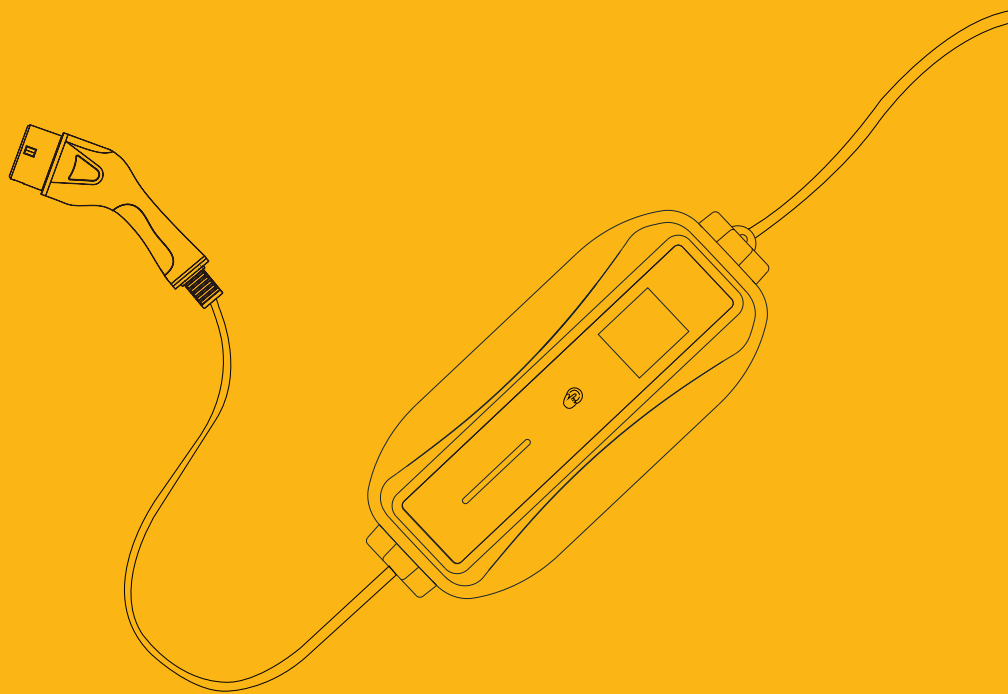


**MOREK**

Creating a better future for You



# **Morek EV Charging Adapter User Manual**

[ev.morek.eu](http://ev.morek.eu)

## Important:

Read this User Manual before you start using the device!

Failure to comply with these instructions may result in injury, damage to the device, harm to the environment, or other serious issues. Keep this User Manual in a safe place together with the charging equipment.

## Safety Information

- Use the EV charging adapter only within the specified operating parameters.
- The EV charging adapter must be used in the design-specified socket, and the socket outlet must be fixed. Do not use an extension cord.
- Do not connect the adapter to a power outlet that is not properly grounded.
- Do not use the adapter in any outlet for which it's not designed.
- Do not attempt to open, disassemble, repair, tamper with, or modify the mobile connector. The connector is not user-serviceable. Contact Morek or local reseller for any issues.
- Do not use (or discontinue using) the charging adapter if it appears defective, cracked, frayed, broken, damaged, or fails to operate.
- Do not disconnect the charging adapter from the wall outlet while the vehicle is charging.
- Do not plug the EV charging adapter into a damaged, loose, or worn power outlet. Ensure that the prongs on the adapter fit snugly into the outlet.
- Do not use the charging adapter when you, the vehicle, or the adapter itself is exposed to severe rain, snow, electrical storms, or other inclement weather.
- Do not immerse the charging equipment in water, and do not directly expose it to water spray (e.g., from high-pressure cleaners or garden hoses).
- Do not touch the charging adapters end terminals with sharp metallic objects, such as wire, tools, or needles. Do not forcefully fold any part of the EV charging adapter or damage it with sharp objects. Do not insert foreign objects into any part of the EV charging adapter
- Protect the charging adapter from moisture, water, and foreign objects at all times. If any appear to have corroded or damaged the mobile charger, do not use it.
- Clean the charging adapter only when it is completely disconnected from the power grid and the vehicle. Use a cloth designated for cleaning; afterward, carefully dry off all parts.
- Do not let children play with the packaging material or the charging equipment.

## Specifications

- *EV 11 kW adapter*
- *LCD display*
- *5m cable*
- *Type 2 connector*

Product ID	MEV11DNNNN5T2
Charging mode	Level 2
Connector type	Type 2 connectro + CEE 3-Phase 16 A
Charging control	Plug-and-Charge, Start/stop touch button, adjustable between 6 - 16A
IP protection	IP66
Impact strength	IK08
Display	LCD 3.8"
Reports	Energy usage on diplay
Standard and ertificate t	EN62752, EN61851-21-2, EN61000-6-1/ -3CE, CB, TUV, UKCA
Leakage protection	Type B, AC 30mA + DC 6mA
Mounting	Wall (optional with bracket)
Efficiency	>99%
Power meter	Integrated
AC power Input rating	3-phase 400V±20% / 1-phase 230V±20%
Rated frequency	50/60 Hz
Output current	32 A / 16 A
Output power	11 kW/ 7.4 kW/ 3.6 kW
Current Switching	6A/ 8A/ 10A/ 13A/ 16A
Operating temperature	-25°C to +50°C
Operating humidity	Up to 95% non-condensing
Altitude	≤2000m
Electrical protection	Current-leakage, Over-heat, Lightning, Over-current, Over-voltage, Under-voltage, PE loss, Diode loss Protection
Dimensions mm	320 (h) x 455 (w) x 110 (d)
Weight kg	2,5
Warranty	24 months



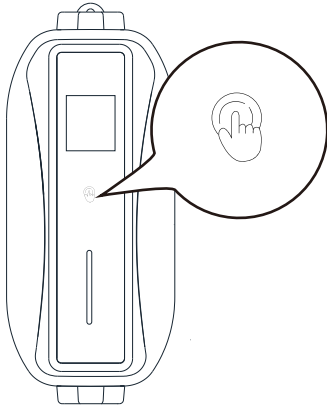
### Morek EV 11 kW EVSE mobile adapter


Use it when traveling or at home. Compact mobile charging adapter that should always be with every electric car.


#### Accessories to mobile adapter


Aluminium wall bracket	MEVA01NWPLATE
Extension 3P16A to 1P Shucko	MEVX01N3PWIRE
Cable holder for wall mount	MEVH01NHANDLE

## Instructions











**Adjust Current:** Touch  for 2 seconds until all the green LEDs flash. Then click to choose the current, selecting between 6A to 16A.

**Delay Charging Time:** Click  to set the delay charging time. The range is from 0 to 5 hours, and each click adds 0.5 hours.

**Metering Reset:** Long press  for more than 5 seconds to reset the accumulated charging power.

## Screen Information

①		⑤	
②		⑥	
③		⑦	
④		⑧	

- ① EV and Power Connection
- ② Power Charged
- ③ Time or Delay Charging
- ④ Current (Selected)
- ⑤ Fault Alarm
- ⑥ Unit of Power
- ⑦ Delay Charging Icon
- ⑧ Charging Cycle Display

## LED Display Status

LED1: Red, faulted indication

LED2: Green1, status indicator, Connection and Current Indication

LED3: Green2, status indicator, Connection and Current Indication

LED4: Green3, status indicator, Connection and Current Indication

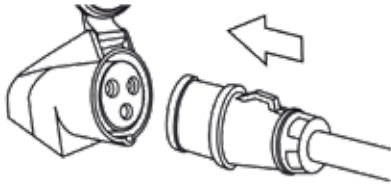
State	LED Display Status				
	RED	Green (1)	Green (2)	Green (3)	
Power On Available	⊘	Current indication			
		6A	●	⊘	⊘
		8A	⊘	●	⊘
		10A	⊘	⊘	●
		13A	●	●	⊘
		16A	●	●	●
Connected	⊘	Blink	Blink	Blink	
Reserved	⊘	Blink	⊘	⊘	
Charging	⊘	Cycle light			
Finishing	⊘	●	●	●	
Faulted	Blink x times	⊘	⊘	⊘	

## Error Code and Troubleshooting

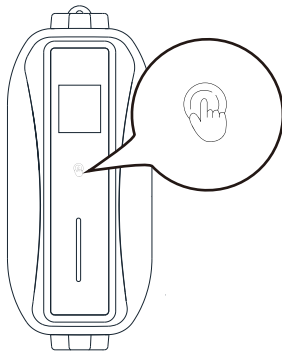
LED status	Reason	LCD Error Code	Solutions
Flash 1 time	RCD leakage protection	01	Power off and check the electric car and charger
Flash 2 times	Over	02	Power off and check the electric car
Flash 3 times	Ground(PE) Disconnect	03	Power off and check the distribution grid
Flash 4 times	Overvoltage/Under voltage	04	Power off and check the distribution grid
Flash 5 times	Welding Fault	05	Please contact the manufacturer
Flash 6 times	CP voltage error	06	Check if the connector is tight
Flash 7 times	Overtempera-	07	Check shell heat dissipation
Flash 8 times	Diode loss	08	Check EV CP diodes

Real-time monitoring has welding detection, temperature detection, PE connection detection, overvoltage detection, over-current detection, and CP voltage, any failure will be displayed according to the above table.

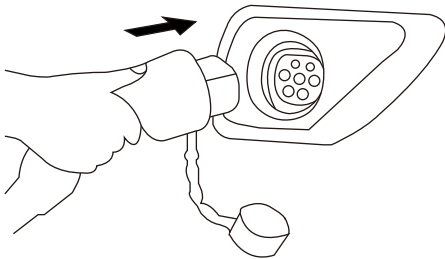
## ***DLM - configuration***



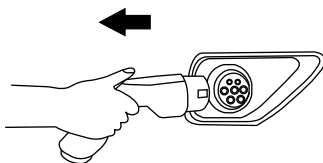
**Step 1:** Connect the charging adapter plug to the appropriate power socket.



**Step 2:** Select the current and delay charging time according to your needs.

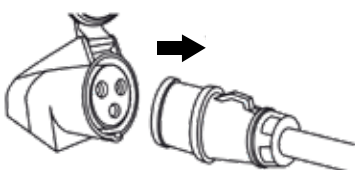


**Step 3:** Connect the charging adapter Type 2 plug to your EV to start charging. Check from the adapters screen that all is OK.



**Step 4:** Remove the plug from the socket when charging is ended or after you have ended it. Unplug the power plug from the outlet on the wall.

Store the adapter to the storage bag.



## ***Maintenance and Cleaning***

### ***Cleaning***

- Disconnect the adapter from the vehicle and the power socket.
- Only clean the outside of the charging device. Use a soft, slightly damp, or antistatic cloth.
- Do not use any detergents or chemical agents to clean the device.

### ***Maintenance***

- The connectors are sensitive, electrical parts, and their contacts must always be kept clean and dry. Corrosion on the contacts can lead to impaired function, overheating, or defects in the device.
- If plugs get wet, allow them to dry before using them. Always fit the equipment with the protective caps when not plugged in.

### ***Repairs/Modifications***

- Any repairs and/or modifications may only be performed by the manufacturer. Never open the housing, and do not make any changes to the charger and control box in any way by yourself.

## *Please sort your waste according to local recycling guidelines*



Please do not dispose of this appliance in your standard household waste. This appliance falls under European Directive 2012/19/EU. Have it disposed of by an authorized waste disposal and recycling firm, in accordance with local waste management regulations. If you are unsure of the proper disposal procedure, please consult your local waste management authority.



**Recyclable Goods:** Please separate the packaging and electrical device by material type for proper disposal. Place all paperboard and corrugated fiberboard in your paper recycling bin. Dispose of foils and films at a waste materials collection center, and take electronic components to a specialist electrical retailer or a local recycling center for proper disposal.



This device, as well as the manufacturing plants where it is produced, have been inspected and approved by TÜV Rheinland. The certificate confirms full compliance with the standards upon which the product is based. This charging adapter meets the requirements of EU Directives that restrict the use of certain hazardous substances in electrical and electronic equipment.



# Questions? Make us work harder!

More information about Morek EV chargers and discussions about EV user cases can be found from [ev.morek.eu](https://ev.morek.eu)

