MOREK
Creating a better future for You

Morek EV charging products

Manage chargings the easy, effective, and versatile way

ev.morek.eu

Start your EV charging journey in the best possible way

Creating a better future for You

Morek eMobility AC chargers come in different versions and they are compatible with most electric car models.

Not just for private use - find a suitable model and service for an apartment building, parking lot, commercial building, etc.

One-man installation reduces the time and cost of installation

The installation process is simplified for maximum efficiency. The charger comes with a pre-set configuration and easy access to the setting shortens the setup time.

Different authorization modes support several use cases

Different modes of authentication support several use cases based on project requirements. The LCD dislay on the charger is easy to read and can be used in all locations - no translation to the local language is needed.

Built-in protection against grid overload

With both RCD and DC leakage built into the charging station, there is no need for additional rail space in the electrical cabinet, and the comprehensive detection capability for various residual fault currents is provided.

An agile e-mobility system, as you need it

Use it at home, apartment building, or work. Charge and share chargings. Perfect for public charging with „Powered by Vonktech" charge point & payment platform.

Easy-to-use public charging solution

Intuitive and easy—to—use tool for all EV drivers. Simplicity, speed, and clarity. No APP, no registration — everyone can charge right now, including aliens. Just scan the QR code, pay and charge.

Powered by Vonktech charge point & payment platform.

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Manage chargings the easy, effective, and versatile way

Manage electric car charging locally or in various locations across Europe from one system.

Morek AC chargers can be installed either on a wall or pole which enables infrastructure planning for indoor or outdoor parking spaces more flexible.

Morek **Finland**

Morek **Estonia**

Morek **Latvia**

Morek **Lithuania**

Morek **Poland**

Morek **Czech Republic**

Morek **Slovakia**

Morek **France**

Morek **Bulgaria**

Morek **Portugal**
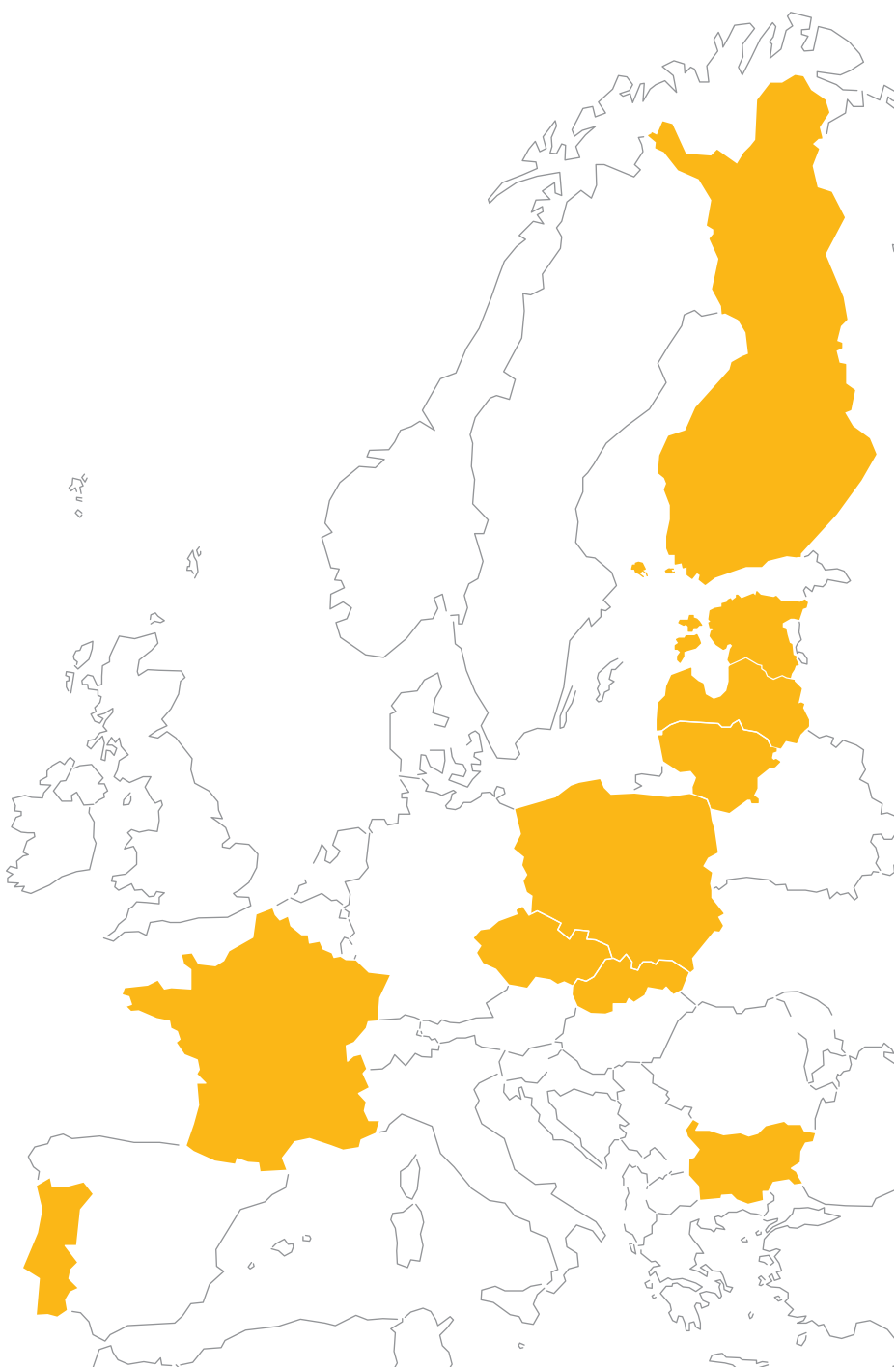
Why Morek?

We, at Morek, strongly believe in creating a positive change in the electrical industry, helping our customers efficiently solve their issues, big and small, saving your money and time, creating a better future for you.

Through our long experience in the electrical industry, we know all the roadblocks our customers are facing day to day and how much time and effort is wasted every day to overcome them. Our goal is to eliminate these obstacles on the path to your success, so that you can devote your time to more important things.

Our tailor-made our product portfolio contains everything you need to manage the connections within an electrical cabinet, all in one place as a complete solution, so that you don't have to waste time on searching for required products from tens of different suppliers.

We offer smart and innovative technical solutions that often resolve complex technical issues in a simple and elegant way, with products that can save valuable space in the enclosure or replace more expensive products while improving technical functionality.

ElecZap provides many tools to simplify your everyday business such as All of your suppliers, in one place, Easy overview of all your order documents, Project management and order status tracking, Standardized product data.

We provide our customers with a full technical database of our products, including ETIM format, along with product images and drawings, helping you integrate our solutions into your projects and systems.

We are dedicating our time and effort to solving your issues, simple and complex, technical and administrative. And of course, our products are of the highest quality. You can rely on that.

Not just for private use - find a suitable model and service for an apartment building, parking lot, commercial building, etc.

Smart charge (WiFi, LAN, and/or optional 4G)

Use it at a private house, apartment building, or work. Charge and share chargings.
Perfect for public charging with Powered by Vonktech charge point & payment platform.

Plug & charge

For private use. No internet connection and smart features. Just plug & charge

11 kW network charger
3.8" LCD display, Type 2 plug

22 kW network charger
3.8" LCD display, Type 2 plug

22 kW network charger
3.8" LCD display, Type 2 socket

7,4 kW, Plug & Charge
LED, Type 2 plug

22 kW, Plug & Charge
LED, Type 2 plug

Up to 22 kW, LED/display
Custom configuration

Morek eMobility AC chargers come in different versions and they are compatible with most electric car models.

Morek AC chargers can be installed either on a wall or pole which enables infrastructure planning for indoor or outdoor parking spaces more flexible.

Manage chargings the easy, effective, and versatile way

- Intelligent 22kW charger suitable for every electric car
- With informative 3.8" LCD display and 5m cable
- Intelligent load management (DLM) capability
- Network connection via LAN or WiFi
- Ready to connect with background systems
- Smart charging with an APP or RFID card
- Easy to install

The installation process is simplified for maximum efficiency. The charger comes with a preset configuration and easy access with the Morek EV Tool APP to reduce setup time.

Different authorization modes support several use cases.

Different modes of authentication support several use cases based on project requirements. The LCD display on the charger is easy to read and can be used in all locations - no translation to the local language is needed.

Built-in protection against grid overload.

With both RCD and DC leakage built into the charging station, there is no need for additional rail space in the electrical cabinet, and the comprehensive detection capability for various residual fault currents is provided.

- **EV 11 kW network charger**
- **3.8" LCD display**
- **WiFi, RFID**
- **5m cable**
- **Type 2 connector**

| Product ID	MEV11DRNW5T2
Charging mode	Level 2
Connector type	Type 2 connector with 5m cable
Charging control	Plug-and-Charge, Start/stop touch button, RFID Card, Configuration BT APP, Web app
Internet connection	Wi-Fi / LAN
External communication	RS485
IP protection	IP55
Impact strength	IK08
Display	LCD 3.8''
LED indicator	No
Communication protocol	OCPP integrated
Background functions	OCPP 1.6, OCPP 1.6J
Reports	Full OCPP support, upgradable
Standard and CE certificate	Full OCPP support
Leakage protection	TypeB (AC30mB + DC6mA)
Mounting	Wall / Stand
Stand / ground mount	Available, not included
Cooling method	Natural Cooling
Power network configuration	TN / TT -> (3P+N+PE), TN / TT -> (1P+N+PE)
Efficiency	>99%
Power meter	No
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
DLM function	Available, CT not included
Storage temperature	-40 to 75°C ambient
Operating temperature	-30 to 55°C ambient
Operating humidity	Up to 95% non-condensing
Altitude	≤2000m
Electrical protection	Over/Under Voltage Protection, Over Load Protection, Short Circuit Protection, Earth Leakage Protection, Ground Protection, Over-temp Protection, Surge Protection
Dimensions mm	455 (h) x260 (w) x150 (d)
Weight kg	4,5
Warranty	24 months

Morek EV 11 kW smart charger

Use it at home, apartment building, or work. Charge and share chargings.

Scan for more

More information about Morek EV chargers and discussions about EV user cases can be found from
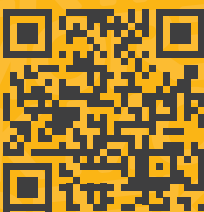
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- *EV 22 kW network charger*
- *3.8" LCD display*
- *WiFi, RFID*
- *5m cable*
- *Type 2 connector*

Product ID	MEV22DREW5T2
Charging mode	Level 2
Connector type	Type 2 connector with 5m cable
Charging control	"Plug-and-Charge, Start/stop touch button, RFID Card, Configuration BT APP, Web app
Internet connection	Wi-Fi / LAN
External communication	RS485
IP protection	IP55
Impact strength	IK08
Display	LCD 3.8''
LED indicator	No
Communication protocol	OCPP integrated
Background functions	OCPP 1.6, OCPP 1.6J
Reports	Full OCPP support, upgradable
Standard and CE certificate	Full OCPP support
Leakage protection	TypeB (AC30mA + DC6mA)
Mounting	Wall / Stand
Stand / ground mount	Available, not included
Cooling method	Natural Cooling
Power network configuration	TN / TT -> (3P+N+PE), TN / TT -> (1P+N+PE)
Efficiency	>99%
Power meter	No
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	22 kW/ 11 kW/ 7.4 kW
DLM function	Available, CT not included
Storage temperature	-40 to 75°C ambient
Operating temperature	-30 to 55°C ambient
Operating humidity	Up to 95% non-condensing
Altitude	≤2000m
Electrical protection	Over/Under Voltage Protection, Over Load Protection, Short Circuit Protection, Earth Leakage Protection, Ground Protection, Over-temp Protection, Surge Protection
Dimensions mm	455 (h) x260 (w) x150 (d)
Weight kg	5,9
Warranty	24 months

Morek EV 22 kW smart charger

Use it at home, apartment building, or work. Perfect for public charging with Powered by Vonktech charge point & payment platform.

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- *EV 22 kW network charger*
- *3.8" LCD display*
- *WiFi, RFID*
- *Type 2 socket*

Product ID	MEV22DREWNT2
Charging mode	Level 2
Connector type	Type 2 socket
Charging control	Plug-and-Charge, Start/stop touch button, RFID Card, Configuration BT APP, Web app
Internet connection	Wi-Fi / LAN
External communication	RS485
IP protection	IP55
Impact strength	IK08
Display	LCD 3.8''
LED indicator	No
Communication protocol	OCPP integrated
Background functions	OCPP 1.6, OCPP 1.6J
Reports	Full OCPP support, upgradable
Standard and CE certificate	Full OCPP support
Leakage protection	TypeB (AC30mA + DC6mA)
Mounting	Wall / Stand
Stand / ground mount	Available, not included
Cooling method	Natural Cooling
Power network configuration	TN / TT -> (3P+N+PE), TN / TT -> (1P+N+PE)
Efficiency	>99%
Power meter	No
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	22 kW/ 11 kW/ 7.4 kW
DLM function	Available, CT not included
Storage temperature	-40 to 75°C ambient
Operating temperature	-30 to 55°C ambient
Operating humidity	Up to 95% non-condensing
Altitude	≤2000m
Electrical protection	Over/Under Voltage Protection, Over Load Protection, Short Circuit Protection, Earth Leakage Protection, Ground Protection, Over-temp Protection, Surge Protection
Dimensions mm	455 (h) x260 (w) x150 (d)
Weight kg	2,5
Warranty	24 months

Morek EV 22 kW smart charger

Use it at home, apartment building, or work. Perfect for public charging with Powered by Vonktech charge point & payment platform.

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- *EV 7,4 kW charger*
- *LED indicator*
- *5m cable*
- *Type 2 connector*

Product ID	MEV07NNNN5T2
Charging mode	Level 2
Connector type	Type 2 connector with 5m cable
Charging control	Plug-and-Charge
Internet connection	No
External communication	RS485
IP protection	IP55
Impact strength	IK10
Display	No
LED indicator	LED color indicators
Communication protocol	-
Background functions	-
Reports	-
Standard and CE certificate	
Leakage protection	TypeB (AC30mB + DC6mA)
Mounting	Wall / Stand
Stand / ground mount	Available, not included
Cooling method	Natural Cooling
Power network configuration	TN / TT -> (3P+N+PE), TN / TT -> (1P+N+PE)
Efficiency	>99%
Power meter	No
AC power Input rating	1-phase 230V±20%
Rated frequency	50/60 Hz
Output current	32 A / 16 A
Output power	7.4 kW
DLM function	Available, CT not included
Storage temperature	-40 to 75°C ambient
Operating temperature	-30 to 55°C ambient
Operating humidity	Up to 95% non-condensing
Altitude	≤2000m
Electrical protection	Over/Under Voltage Protection, Over Load Protection, Short Circuit Protection, Earth Leakage Protection, Ground Protection, Over-temp Protection, Surge Protection
Dimensions mm	455 (h) x260 (w) x150 (d)
Weight kg	4,4
Warranty	24 months

Morek EV 7,4 kW Plug & Charge

For private use. No internet connection and smart features. Just plug & charge.

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More information about Morek EV chargers and discussions about EV user cases can be found from

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- *EV 22 kW charger*
- *LED indicator*
- *5m cable*
- *Type 2 connector*

Product ID	MEV22NNNN5T2
Charging mode	Level 2
Connector type	Type 2 connector with 5m cable
Charging control	Plug-and-Charge
Internet connection	No
External communication	RS485
IP protection	IP55
Impact strength	IK10
Display	No
LED indicator	LED color indicators
Communication protocol	-
Background functions	-
Reports	-
Standard and CE certificate	
Leakage protection	TypeB (AC30mA + DC6mA)
Mounting	Wall / Stand
Stand / ground mount	Available, not included
Cooling method	Natural Cooling
Power network configuration	TN / TT -> (3P+N+PE), TN / TT -> (1P+N+PE)
Efficiency	>99%
Power meter	No
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	22 kW/ 11 kW/ 7.4 kW
DLM function	Available, CT not included
Storage temperature	-40 to 75°C ambient
Operating temperature	-30 to 55°C ambient
Operating humidity	Up to 95% non-condensing
Altitude	≤2000m
Electrical protection	Over/Under Voltage Protection, Over Load Protection, Short Circuit Protection, Earth Leakage Protection, Ground Protection, Over-temp Protection, Surge Protection
Dimensions mm	455 (h) x260 (w) x150 (d)
Weight kg	5,9
Warranty	24 months

Morek EV 22 kW Plug & Charge

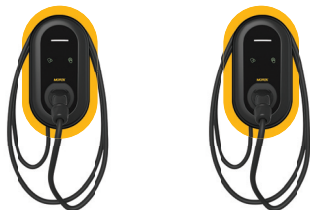For private use. No internet connection and smart features. Just plug & charge.

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	Smart charger			Plug & Charge charger	
	11 kW	22 kW	22 kW	7,4 kW	22 kW
Product ID	MEV11DRNW5T2	MEV22DREW5T2	MEV22DREWNT2	MEV07NNNN5T2	MEV22NNNN5T2
Weight kg	**4,5**	**5,9**	**2,5**	**4,4**	**5,9**
Charging mode	Level 2				
Connector type	**Type 2 connector with 5m cable or socket**			**Type 2 connector with 5m cable**	
Charging control	**Plug-and-Charge, Start/stop touch button, RFID Card, Configuration BT APP, Web app**			**Plug-and-Charge**	
Internet connection	**Wi-Fi / LAN**			**No**	
External communication	RS485				
IP protection	IP55				
Impact strength	**IK08**			**IK10**	
Display	**LCD 3.8"**			**No**	
LED indicator	**No**			**LED color indicators**	
Communication protocol	**OCPP integrated**			**-**	
Background functions	**OCPP 1.6, OCPP 1.6J**			**-**	
Reports	**Full OCPP support, upgradable**			**-**	
Standard and CE certificate	**Full OCPP support**			**-**	
Leakage protection	TypeB (AC30mA + DC6mA)				
Mounting	Wall / Stand				
Stand / ground mount	Available, not included				
Cooling method	Natural Cooling				
Power network configuration	TN / TT -> (3P+N+PE), TN / TT -> (1P+N+PE)				
Efficiency	>99%				
Power meter	No				
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 / 7.4 kW**	**22 / 11 / 7.4 kW**	**22 / 11 / 7.4 kW**	**7.4 kW**	**22 / 11 / 7.4 kW**
DLM function	Available, CT not included				
Storage temperature	-40 to 75°C ambient				
Operating temperature	-30 to 55°C ambient				
Operating humidity	Up to 95% non-condensing				
Altitude	≤2000m				
Electrical protection	Over/Under Voltage Protection, Over Load Protection, Short Circuit Protection, Earth Leakage Protection, Ground Protection, Over-temp Protection, Surge Protection				
Dimensions mm	455 (h) x260 (w) x150 (d)				
Warranty	24 months				

## Creating a better future for You

Worry-free charging for homes, workplaces, and businesses. From its durable and weatherproof design to its integrated electrical protection, our EV charging wallbox is reliable in every situation.

With built-in Wi-Fi, Ethernet, and optional 4G, it's always connected so you can track and manage your charging stations, receive remote updates, and earn revenue.

An agile e-mobility system, as you need it

More than just a charging station, Morek EV charging wallbox. Use it with intuitive and easy—to—use charging management system. Simplicity, speed and clarity.
No APP, no registration – everyone can charge right now, including aliens.
Just scan QR-code, pay and charge – Powered by Vonktech charge point & payment platform.

- **Quick and affordable deployment**
- **All locations in one system**
- **No end-user app download**
- **No end-user account registration**
- **Support**
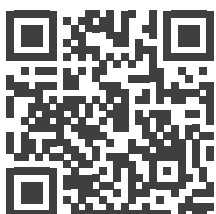
← **Just Scan 'n Charge!**
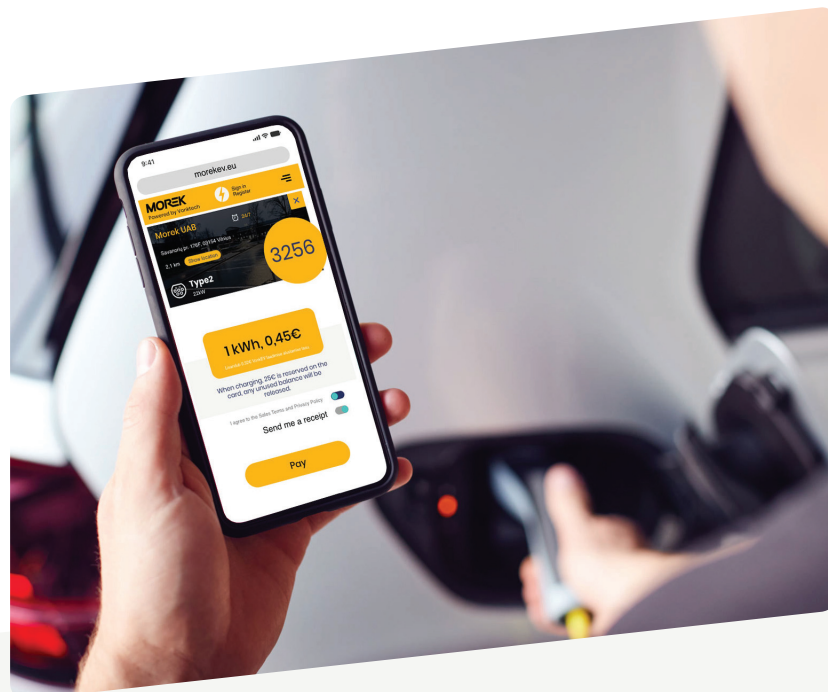
Smart, safe and durable.

Morek EV charging wallbox offers an effortless charging experience. Its simple design and smart function make electric vehicle charging and installation easier than ever before.

Installation preferences by location possibilities.

Load balancing solution safely balances the energy usage between a charging station and other on-site appliances.

External MID meter connected through RS485 provides more precise metering, complying with the most demanding billing requirements.

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Easy to install

Network connection
via LAN or WiFi

With informative 3.8" LCD
display and 5m cable

Intelligent charger suitable
for every electric car

Ready to connect with
background systems

Simple load management
(DLM) capability

Smart charging with
an APP or RFID card

Scan QR to start
EV public charging

Not just for private use

Find a suitable model and service for
an apartment building, parking lot,
commercial building, etc

Start your EV charging journey
in the best way possible

Questions? *Make us work harder!*

More information about Morek EV chargers and discussions about EV user cases can be found from *ev.morek.eu*