

MOREK

Creating a better future for You



Morek EV charging products

Manage charging 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 all electric car models.

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



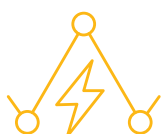
One-man installation reduces the time and cost of installation

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 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.



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 charge point management & payment platform.













Easy-to-use public charging solution

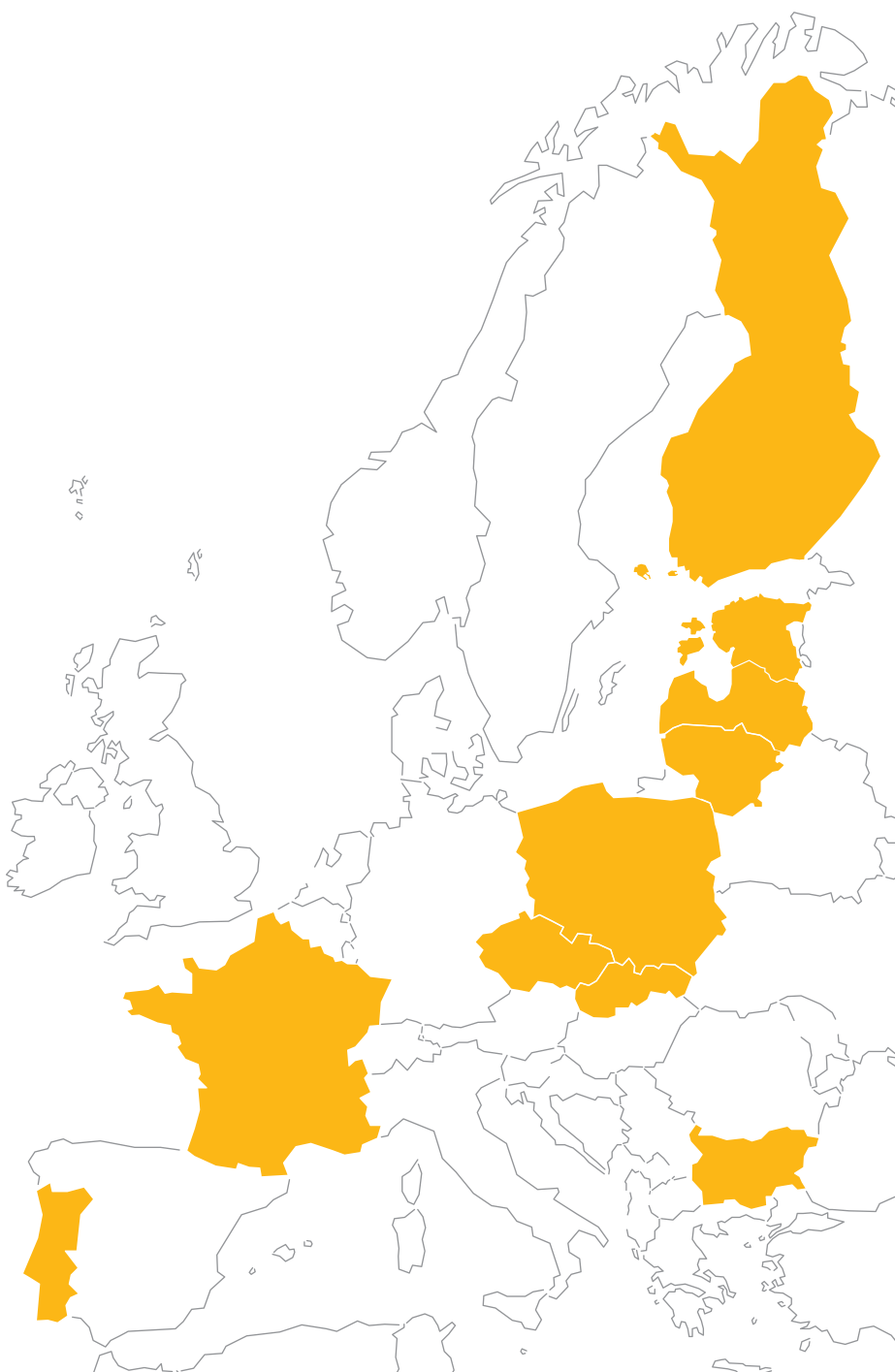
Intuitive and easy-to-use tool for all EV drivers. Simplicity, speed, and clarity. No APP, no registration – everyone can charge right now, including aliens. Just scan the QR code, pay and charge.

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.



DC Fast charging
60 – 180 kW



DC Fast charging
30 & 40 kW



AC charging
7,4 – 22 kW



Charging adapters
3,6 – 22 kW



Charging cables
Phoenix Contact 16 – 32 A



Accessories
For installation

Marek's electric car chargers solve all stages of creating an electric car charging point quickly - from delivery to ease of use for the end user.

For installer and developer

a well-thought-out solution for quick and affordable installation.

For the property owner and manager

the option of public charging helps to recoup the investment.

For the end-user

it is easy for everyone to charge the EV.

Manage chargings the easy, effective way

- Intelligent chargers are suitable for every electric car
- With informative LCD display and cable
- Load management (DLM) capability
- Network connection via LAN, 4G or WiFi
- Ready to connect with any background system
- 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.



Public charging

- ***Quick and affordable deployment***
- ***All locations in one system***
- ***No end-user app download***
- ***No end-user account registration***
- ***Support***

Just Scan 'n Charge! →



- *DC 120 kW fast charger*
- *7" LCD display*
- *LAN, 4G, RFID*
- *4,5m cables*
- *2 CCS2 connectors*

Product ID 120 kW

MEV120DRENG4CCS

Product ID 180 kW

MEV180DRENG4CCS

Charging mode	Level 3
Connector type	CCS2 connectors with 4,5m cable
Number of connectors	2 (CCS2 + CCS2)
Charging control	APP, QR Code (optional), RFID
Internet connection	Ethernet / 4G
IP protection	IP54
Impact strength	IK10
Display	7-inch touch LCD
SOC State Display	Available
Communication protocol	OCPP1.6J (OCPP2.0 ready)
Power Distribution	Yes
Reports	Full OCPP support
Certificate	CE certified
Standard	IEC61851-1 / IEC62196-3
Casing material	Aluminium
Cooling method	Forced Air Cooling
Power network configuration	TN-S / TN-C / TN-C-S / TT
Peak efficiency	>95%
Power meters	Yes
AC power Input rating	AC 400 V (AC 323 V ~ AC 437 V)
Noise	≤60 dB
Standby Power	≤99 W
Output current	194 A (0 ~ 228 A)
Output power	120 kW (max)
DC output voltage range	150 V ~ 1000 V DC
DC output current	0 ~ 200 A
Power Limiting	Available
Storage temperature	-40 to 70°C ambient
Operating temperature	-25 to 55°C ambient
Operating humidity	5%~95% (no condensation)
Altitude	≤2000m
Electrical protection	Input Over/UnderVoltage Protection, Output Over Voltage Protection, Short-Circuit Protection, Over Current Protection
Dimensions mm	1700 (h) x800 (w) x600 (d)
Weight kg	310
Warranty	24 months



Morek EV 120 kW
fast charger

Safe, reliable and efficient charging service while monitoring real-time charging status and progress.

Scan for more

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



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- *DC 60 kW fast charger*
- *7" LCD display*
- *LAN, 4G, RFID*
- *4,5m cables*
- *2 CCS2 connectors*

Product ID	MEV60DRENG4CCS
Charging mode	Level 3
Connector type	CCS2 connectors with 4,5m cable
Number of connectors	2 (CCS2 + CCS2)
Charging control	APP, QR Code (optional), RFID
Internet connection	Ethernet / 4G
IP protection	IP54
Impact strength	IK10
Display	7-inch touch LCD
SOC State Display	Available
Communication protocol	OCPP1.6J (OCPP2.0 ready)
Power Distribution	Yes
Reports	Full OCPP support
Certificate	CE certified
Standard	IEC61851-1 / IEC62196-3
Casing material	Aluminium
Cooling method	Forced Air Cooling
Power network configuration	TN-S / TN-C / TN-C-S / TT
Peak efficiency	>95%
Power meters	Yes
AC power Input rating	AC 400 V (AC 323 V ~ AC 437 V)
Noise	≤60dB
Standby Power	≤75W
Output current	97A (0~114A)
Output power	60 kW (max)
DC output voltage range	150 V ~ 1000 V DC
DC output current	0 ~ 200 A
Power Limiting	Available
Storage temperature	-40 to 70°C ambient
Operating temperature	-25 to 55°C ambient
Operating humidity	5%~95% (no condensation)
Altitude	≤2000m
Electrical protection	Input Over/UnderVoltage Protection, Output Over Voltage Protection, Short-Circuit Protection, Over Current Protection
Dimensions mm	1550 (h) x700 (w) x400 (d)
Weight kg	190
Warranty	24 months



Morek EV 60 kW fast charger

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- *DC 40 kW fast charger*
- *5" LCD display*
- *LAN, 4G, RFID*
- *5m cables*
- *2 CCS2 connectors*

Product ID	MEV40DRENG4CCS
Charging mode	Level 3
Connector type	CCS2 connector with 5m cable
Number of connectors	2 (CCS2)
Charging control	APP, QR Code (optional), RFID
Internet connection	Ethernet / 4G
IP protection	IP54
Impact strength	IK10
Display	5-inch touch LCD
Communication protocol	OCPP1.6J
Power Distribution	Yes
Reports	OCPP reporting
Certificate	CE certified
Standard	IEC61851, IEC62196, ISO15118, DIN70121 EN61000-6-4:2007, EN61000-6-2:2005
Casing material	Galvanized iron
Cooling method	Smart air cooling
Power network configuration	TN-S / TN-C / TN-C-S / TT
Peak efficiency	>95%
Power meters	Yes
AC power Input rating	AC 400 V (AC 323 V ~ AC 437 V)
Mounting	Wall-mounted
Standby Power	≤99 W
Nominal current	0 ~ 65 A
Output power	40 kW (max)
DC output voltage range	150 V ~ 1000 V DC
DC output current	0 ~ 80 A
Power Limiting	Available
Storage temperature	-40 to 80°C ambient
Operating temperature	-30 to 55°C ambient
Grid frequency	50Hz ± 1Hz
Altitude	≤2000m
Electrical protection	Input Over/UnderVoltage Protection, Output Over Voltage Protection, Short-Circuit Protection, Over Current Protection
Dimensions mm	770 (h) x560 (w) x270 (d)
Weight kg	75
Warranty	24 months



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- *DC 30 kW fast charger*
- *7" LCD display*
- *LAN, 4G, RFID*
- *5m cables*
- *CCS2 connector*

Product ID	MEV30DRENG4CCS
Charging mode	Level 3
Connector type	CCS2 connector with 5m cable
Number of connectors	1 (CCS2)
Charging control	APP, QR Code (optional), RFID
Internet connection	Ethernet / 4G
IP protection	IP54
Impact strength	IK10
Display	7-inch touch LCD
Communication protocol	OCPP1.6J
Power Distribution	Yes
Reports	OCPP reporting
Certificate	CE certified
Standard	ISO15118/DIN70121, IEC61851 ,IEC62196
Casing material	Galvanized iron
Cooling method	Smart air cooling
Power network configuration	TN-S / TN-C / TN-C-S / TT
Peak efficiency	>95%
Power meters	Yes
AC power Input rating	AC 400 V (AC 323 V ~ AC 437 V)
Mounting	Wall-mounted
Standby Power	≤99 W
Output current	0 ~ 48 A
Output power	30 kW (max)
DC output voltage range	200 V ~ 1000 V DC
DC output current	0 ~ 80 A
Power Limiting	Available
Storage temperature	-40 to 80°C ambient
Operating temperature	-30 to 50°C ambient
Grid frequency	50Hz / 60Hz ± 1Hz
Altitude	≤2000m
Electrical protection	Overvoltage, undervoltage protection, lightning protection, phase loss detection
Dimensions mm	670 (h) x460 (w) x270 (d)
Weight kg	55
Warranty	24 months



Morek EV 30 kW
fast charger

Safe, reliable and efficient charging service while monitoring real-time charging status and progress.

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

Product ID	MEV11DREW5T2
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
Background functions	OCPP 1.6, OCPP 1.6J
Reports	Full OCPP support, upgradable
Standard and CE certificate	Full OCPP support, CE certified
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	OCPP 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
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.

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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 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
Background functions	OCPP 1.6, OCPP 1.6J
Reports	Full OCPP support, upgradable
Standard and CE certificate	Full OCPP support, CE certified
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	OCPP 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	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

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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
Background functions	OCPP 1.6, OCPP 1.6J
Reports	Full OCPP support, upgradable
Standard and CE certificate	Full OCPP support, CE certified
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	OCPP 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	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

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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	No
IP protection	IP55
Impact strength	IK10
Display	No
LED indicator	LED color indicators
Communication protocol	-
Background functions	-
Reports	-
Standard and CE certificate	CE certified
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	1-phase 230V±20%
Rated frequency	50/60 Hz
Output current	32 A / 16 A
Output power	7.4 kW
DLM function	-
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.

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 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	No
IP protection	IP55
Impact strength	IK10
Display	No
LED indicator	LED color indicators
Communication protocol	-
Background functions	-
Reports	-
Standard and CE certificate	CE certified
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	-
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

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