

Charging park management software


The brain behind your charging application: you can manage your entire charging infrastructure with our powerful software, and also increase availability. You can automate individual charging points or entire charging parks including authorization, user guides, load management, and billing.

With the EV Charging Suite, you receive a software package that already contains all of the functions for charging park management.

Should you have special requirements, our programmers will be happy to create an individual software solution for your charging application.

Software suite

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 **Your web code: #2020**



Intelligent charging park management

The EV Charging Suite forms the interface between the driver, charging park, grid operator, and back-end provider. It combines all of the functions you need to operate a charging park in a single software package.

In addition to load management, it also makes it easy to manage charging points and users, implement various authorization methods, and utilize a consumption-based billing system via the back-end provider.

Scalable license model

We offer graduated basic licenses for 10, 30, and 50 charging points to match the size of your charging park. You therefore only have to pay for what you actually need.

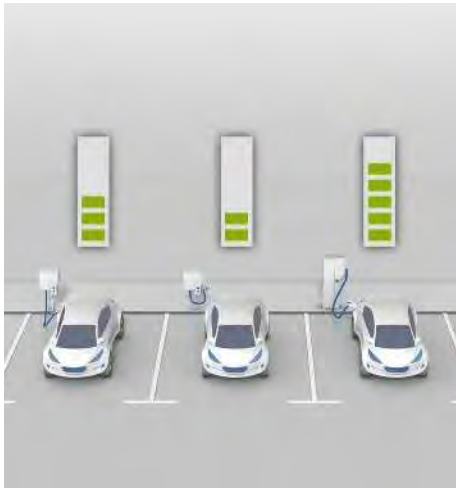
The licenses are valid for a lifetime and include all updates for the EV Charging Suite that we make available for download.

Should you extend your charging park to the extent that the basic license purchase is no longer sufficient, you can purchase a cost-effective upgrade license.

Your advantages

- Intelligent load management ensures optimum distribution of the connected load and prevents overloads
- Easy commissioning, configuration, and monitoring of your charging park via web interface
- Future-proof and scalable, thanks to the easy addition and management of charging points
- Reliable logging of all charging procedures via OCPP for real-time visualization and precise billing
- Convenient integration into higher-level building and energy management systems
- Intuitive graphical user guidance for your customers

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Load management for greater availability

The integrated load management system ensures optimum distribution of the available connected load to the charging points. This prevents the main fuse from being tripped by an overload, ensuring the availability of your charging park. Furthermore, this allows you to avoid significant surcharges that can arise when you exceed the contractually agreed maximum power.



Convenient configuration via browser

You can use a web browser to commission, configure, and monitor your charging park. You can add new charging points and users, configure the load distribution in accordance with your requirements, and call up diagnostic and status information for each charging point. The logged data is clearly visualized and can be exported for external evaluation.



User guide step 1: Authorization

Your charging park customers are quickly and clearly guided through the vehicle charging process with the aid of our self-explanatory touch screen. The customer first obtains authorization at the charging point or terminal, e.g., using an RFID card.



User guide step 2: Selecting a charging point

The customer selects one of the available charging points.



User guide step 3: Connecting the vehicle

The customer is asked to connect their vehicle with a charging cable.



User guide step 4: Starting the charging process

During the charging process, the screen provides information on key values, such as the current charging power.

- Administration of users and charging points
- Graphical user guidance
- User authorization, e.g. via RFID
- Charging and load management
- Billing via OCPP
- Integration into to building and energy management systems



License for up to 10 charging points

Technical data	
IPC hardware requirement	Min. 64 GB Min. 4 GB Min. Atom™ Quadcore 1.91 GHz When used on site with operator panel: min. 8" touch panel, 800 x 480 pixels (WVGA) 2x Ethernet (10/100/1000 Mbps), RJ45 / min. 1x USB 2.0 / Depending on application: min. 1x COM RS-485
IPC software requirements	WIN 10 IOT ENT LTSB 2016 x64 German English Google Chrome Mozilla Firefox Internet Explorer EVCC Advanced AC charging controller (Order No. 2902802)
Functions	
Basic functions	Load and charging management Authentication via RFID or via backend Backend coupling Dynamic load management User prioritization Integration into energy management systems OCPP
Expanded functionality	
Supported back-end protocols	

Ordering data		
Type	Order No.	Pcs./Pkt.
EV-CC-S-SUITE-CP10	1086929	1



License for up to 30 charging points



License for up to 50 charging points

Technical data

Min. 64 GB
Min. 4 GB
Min. Atom™ Quadcore 1.91 GHz
When used on site with operator panel: min. 8" touch panel, 800 x 480 pixels (WVGA)
2x Ethernet (10/100/1000 Mbps), RJ45 /
min. 1x USB 2.0 /
Depending on application: min. 1x COM RS-485

WIN 10 IOT ENT LTSB 2016 x64
German
English
Google Chrome
Mozilla Firefox
Internet Explorer
EVCC Advanced AC charging controller (Order No. [2902802](#))

Load and charging management
Authentication via RFID or via backend
Backend coupling
Dynamic load management
User prioritization
Integration into energy management systems
OCPP

Ordering data

Type	Order No.	Pcs./Pkt.
EV-CC-S-SUITE-CP30	1086921	1
EV-CC-S-SUITE-UPG10-30	1086891	1

Technical data

Min. 64 GB
Min. 4 GB
Min. Atom™ Quadcore 1.91 GHz
When used on site with operator panel: min. 8" touch panel, 800 x 480 pixels (WVGA)
2x Ethernet (10/100/1000 Mbps), RJ45 /
min. 1x USB 2.0 /
Depending on application: min. 1x COM RS-485

WIN 10 IOT ENT LTSB 2016 x64
German
English
Google Chrome
Mozilla Firefox
Internet Explorer
EVCC Advanced AC charging controller (Order No. [2902802](#))

Load and charging management
Authentication via RFID or via backend
Backend coupling
Dynamic load management
User prioritization
Integration into energy management systems
OCPP

Ordering data

Type	Order No.	Pcs./Pkt.
EV-CC-S-SUITE-CP50	1086920	1
EV-CC-S-SUITE-UPG30-50	1086889	1