Innovation@charge

Castellan AG

E-Powerload – charging system for electro mobility.

Castellan technology & design

www.castellan-ag.com

CHARGING STATION 1

Customer requirements

With the Custom charging station, you have the opportunity to perfectly stage the tailor made charging station.

Charging station

> 2 space charging station with 2 connection options each according to plug-in connections for 230 V and/or 400 V / 16 A / 32 A
> Use as individual charging station or integrated intoone of the accounting systems

Technik

> Charging station for 2x 400 V / 32 A / 16 A
> With 2x Schuko ® connector per charging station (230 V)
> Phase monitoring, wiring protection & Fault current circuit breaker
> Internal electricity meter per charging station
> Ethernet interface for future networks
> USB interface
> Real time clock
> Illuminated gun holders
> Wireless connection WLAN/UMTS (optional)

Casing

> Aluminium 3 mm, powder coated according to RAL
> For internal and external use, according to protection category IP54
> Electronic component according to protection category IP67
> Mechanical lock (locking system optional)
> Robust design, secured against vandalism
> Display or optional monitor
> External dimensions: 500 mm (W) x 1,200 mm (H) x 350 mm (D)
> Fastening via ground anchor, weight 69 kg

Billing types

Choose from our various billing methods and configure the technology according to your needs: SMS, bar code & 2D bar code, RFID 1, RFID 2, RFID 3, car park 1, car park 2

Design module

A > Type 1 left/right
B > Type 2 left/right
C > Type 1 and Type 2
D > Plug socket without cable

LADESTATION 2

Customer requirements

Choose your desired colours, logos and design.
Configure the technology according to your needs.

Charging station

> 1 space charging station with 1 connection option each accor-
ding to plug-in connections for 230 V and/or 400 V / 16 A / 32 A
> Use as individual charging station or integrated into the bil-
ling system

Technology

> Charging system for 230 V and 400 V / 32 A / 16 A
> With Schuko® connector per charging station (230V)
> Phase monitoring, wiring protection & Fault current circuit breaker
> Internal electricity meter per charging station
> Ethernet interface for future networks
> USB interface
> Real time clock
> Illuminated gun holders
> Wireless connection WLAN/UMTS (optional)

Casing

> Aluminium 3 mm, powder coated according to RAL
> FFor internal and external use, according to protection cate-
gory IP54
> Electronic component according to protection
> Mechanical lock (locking system optional)
> Robust design, secured against vandalism
> Display or optional monitor
> External dimensions: 340 mm (W) x 2,300 mm (H) x 450 mm (D)
> Fastening via ground anchor, weight 89 kg

Billing types

Choose from our various billing methods vand configure the
technology according to your needs: SMS, bar code & 2D bar
code, RFID 1, RFID 2, RFID 3, car park 1, car park 2

Design module

A > Type 1
B > Type 2

CHARGING STATION 3

Technology

> Charging station for 1x 230 V and 1x 400 V / 32 A / 16 A
> With 2x Schuko ® connectors per charging station (230 V)
> Phase monitoring, wiring protection & Fault current circuit breaker
> Internal electricity meter per charging station
> Ethernet interface for future networks
> USB interface
> Real time clock
> Illuminated gun holders
> Wireless connection WLAN/UMTS (optional)

Casing

> Aluminium, 3 mm powder coated according to RAL
> For internal and external use, according to protection category IP54
> Electronic component according to protection category IP67
> Mechanical lock (locking system optional)
> Robust design, secured against vandalism
> Display or optional monitor
> External dimensions: 340 mm (W) x 2,300 mm (H) x 450 mm (D)
> Fastening via ground anchor, weight 89 kg

Billing types

Choose from our various billing methods and configure the technology according to your needs: SMS, bar code & 2D bar code, RFID 1, RFID 2, RFID 3, car park 1, car park 2

Optional functions

> Hands free system with call buttons
> Remote control system with remote switchable fault current circuit breakers
> Voice prompt for accessible use
> Activation by code keyboard
> Activation by RFID card
> Activation by magnetic card
> Activation by bar code and 2D bar code
> Built in camera for video surveillance of the car park
> Operation via network system: Technical requirements can be switched on for external cost calculation system, Network and computer with own IP

Design module

A > Type 1 left/right
B > Type 2 left/right
C > Type 1 and Type 2

Customer requirements

Wählen Sie Ihre Wunschfarben, Logos und Design.
Konfigurieren Sie sich die Technik nach Ihren Bedürfnissen.

Charging station

> 2 space charging station with
2 connection options each according to plug connections
for 230 V and/or 400 V / 16 A / 32 A > Benutzung als Einzella-destation oder eingebunden in eines
der Abrechnungssysteme

RECEPTION CHARGING STATION

Technology

> Charging station for 1x 230 V and 1x 400 V / 32 A / 16 A
> With 2x Schuko ® connectors per charging station (230 V)
> Phase monitoring, wiring protection & Fault current circuit breaker
> Internal electricity meter per charging station
> Ethernet interface for future networks
> USB interface
> Real time clock
> Illuminated gun holders
> Wireless connection WLAN/UMTS (optional)

Casing

> Aluminium 3 mm, powder coated according to RAL
> For internal and external use, according to protection category IP54
> Electronic component according to protection category IP67
> Mechanical lock (locking system optional)
> Robust design, secured against vandalism
> External dimensions: 440 mm (W) x 2,100 mm (H) x 350 mm (D)
> Fastening via ground anchor, weight 99 kg

Billing by SMS

Using our own billing system, you can control the activation and billing of your charging pole, free of charge.

Car park lighting

The LED lighting creates a pleasant illumination of the car park. The visitor feels welcome straight away, and can organise their lift via the call function.

Billing types

Choose from our various billing methods and configure the technology according to your needs: SMS, bar code & 2D bar code, RFID 1, RFID 2, RFID 3, car park 1, car park 2

Design module

A > Type 1 left/right
B > Type 2 left/right
C > Type 1 und Type 2
D > Plug socket without cable

Visitor reception

"First impressions count", as the saying goes. With this reception station, you can show every visitor how progressive and customer oriented your company is. Your business card Future, a clear sign in front of your building and a statement. Orientation and greeting in your design.

Charging station

> 2 space charging station with 2 connection options each according to plug connections for 230 V and/or 400 V / 16 A / 32 A
> Use as individual charging station or integrated into the billing system

WALL CHARGING STATION

Technology

> Charging system for 230 V and 400 V / 32 A / 16 A
> With Schuko ® connector per charging station (230 V)
> Phase monitoring, wiring protection & Fault current circuit breaker
> Internal electricity meter per charging station
> Ethernet interface for future networks
> USB interface
> Real time clock
> Illuminated gun holders
> Wireless connection WLAN/UMTS (optional)

Casing

> Aluminium 3 mm, powder coated according to RAL
> For internal and external use, according to protection category IP54
> Electronic component according to protection category IP67
> Mechanical lock (locking system optional)
> Robust design, secured against vandalism
> Display or optional monitor
> Dimensions: 600 mm (B) with side gun holders
  600 mm (W) x 600 mm (H) x 250 mm (D)
> Fastening directly onto concrete wall via distance bushings

Billing types

Choose from our various billing methods and configure the technology according to your needs: SMS, bar code & 2D bar code, RFID 1, RFID 2, RFID 3, car park 1, car park 2

Customer requirements

Choose your desired colours, logos and design.
Configure the technology according to your needs.

Wall charging station

> 2 space charging station with 2 connection options each according to plug connections for 230 V and/or 400 V / 16 A / 32 A
> Use as individual charging station or integrated into the billing system

Design module

A > Type 1 left/right
B > Type 2 left/right
C > Type 1 and Type 2
D > Plug socket without cable

Optional functions

> Gas measurement sensors for car park surveillance
> Sensors to monitor the car park for radio controlled display
> Radio controlled display Indoor
> Radio controlled display Outdoor
> Hands free system with call buttons and room wiretapping function
> Remote control system with remote switchable fault current circuit breakers
> Voice prompt for accessible use
> Activation by code keyboard
> Activation by RFID card
> Activation by magnetic card
> Activation by bar code and 2D bar code
> Built in camera for video surveillance of the car park
> Operation via network system: Technical requirements can be switched on for external cost calculation system, Network and computer with own IP

NEEDS ASSESSMENT

Extras

Spiral cable

Plug type 1	▢	Left	▢ Right
Plug type 2	▢	Left	▢ Right

Casing sockets

CEE	▢	Left	▢ Right
Schuko®	▢	Left	▢ Right

Current strength

400 V/16 A	▢
400 V/32 A	▢

Display

12" Monitor	▢

Options

Gas measurement sensors for car park surveillance	▢
Sensors to monitor the car park for radio controlled display	▢
Radio controlled display Indoor	▢
Radio controlled display Outdoor	▢
Hands free system with call button and room wiretapping function - GSM	▢
Hands free system with call button and room wiretapping function - analogue	▢
Remote control system with remote switchable fault current circuit breakers	▢
Internal electricity meter	▢
Built in camera for video surveillance of the car park	▢

Reading device

RFID	▢
Bar code	▢
Magnetic card reader	▢
Code - keyboard	▢

RFID - chip cards   ▢ Piece

Connection to a web portal

Ethernet interface	▢
Wireless	▢
WLAN	▢
UMTS	▢

Assembly

Wall	▢
Pole/ support	▢

Billing with a car park ticket machine

RFID	▢
Bar code	▢
Magnetic card reader	▢
Code keyboard	▢

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