



SMARTPEVC210E - 7kW / 11kW / 22kW

AC EV Charger Commercial Series



- Ideal choice for residential and commercial EV charging
- Stylish, ergonomic and customizable design
- IP55 rated for indoor/outdoor applications
- Optional RFID/App etc. for user identification and management
- Multiple protection to ensure users' safety
- Charger Connector: SAE J1772 (Type 1)/IEC 62196-2 (Type 2)
- OCPP 1.6 JSON (Comply with latest OCPP protocol as SINO is the member of OCA)

- Optional wall-mount and stand-mount to save installation space for both indoor & outdoor applications

Applications

- Highway gas/service station
- Parking garage
- Commercial fleet operators
- EV dealer workshops
- EV infrastructure operators and service providers

Power Specifications

Input Connection	Single-Phase: 1P+N+PE or 3-Phase: 3P+N+PE)
Input Voltage	230Vac $\pm$ 10% or 400Vac $\pm$ 10%
Input Current	16A or 32A
Frequency	50Hz or 60Hz
Output Voltage	230Vac $\pm$ 10% or 400Vac $\pm$ 10%
Output Current	16A or 32A
Rated Power	7.4kW / 11kW / 22kW

User Interface & Control

LCD Display	4.3" Color Touch Screen(Optional)
User Authentication	RFID(ISO/IEC 14443) / APP
LED Indicator	Green/Blue/Red
Charger Connector	IEC 62196-2 Type 2 (SAEJ1772 Type 1 Optional)
Energy Measuring	Embedded meter, with 1% accuracy

Communication

Backend	Bluetooth / Wi-Fi (4G / Ethernet Optional)
Backend Protocol	OCPP 1.6 J (OCPP2.x Coming soon)

Protection

Residual Current Protection	Type A 30mA+DC 6mA
Electrical Protection	Over/Under Voltage Protection, Over Current Protection, Short Circuit Protection, Over Temperature Protection, Lightning Protection, Ground Fault, Surge Protection

Environmental

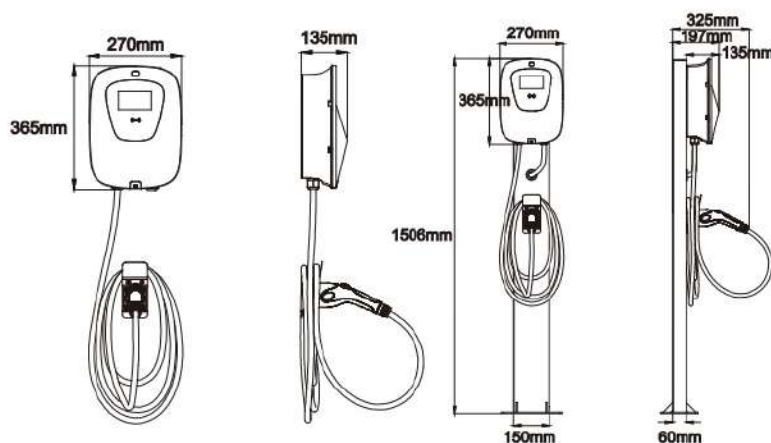
Operating Temperature	-30 $^{\circ}$ C - +50 $^{\circ}$ C
Storage Temperature	-40 $^{\circ}$ C - +85 $^{\circ}$ C
Operating Humidity	Max. 93% RH, Non-Condensing
Operating Altitude	$\leq$ 2000m
IP, IK Level	IP55, IK08
Cooling Method	Natural Cooling

Mechanical

Product Dimension	270mm*135mm*365mm(W*D*H)
Package Dimension	330mm*274mm*500mm(W*D*H)
Weight	5.6kg(Net) / 7.2kg(Gross)
Charging Cable Length	5m (Customizable)
Mounting	Wall-mount and Stand-mount

Certifications

Certificate	EN 61851-1 2019, IEC 62955 2018, IEC 61008-1 2010, IEC/EN 62196-1
Safety	TUV, CE





SMARTPEVC2201E - 7kW / 11kW / 22kW

AC EV Charger Commercial Series



- PEVC2201E has got the TUV certification

- Ideal choice for residential and commercial EV charging

- MID meter makes measurement precise

- Stylish, ergonomic and customizable design

- IP55 rated for indoor/outdoor applications

- Multiple protection to ensure users' safety

- Optional RFID/App etc. for user identification and management

- Charger Connector: SAE J1772 (Type 1)/IEC 62196-2 (Type 2)

- OCPP 1.6 JSON (Comply with latest OCPP protocol as SINO is the member of OCA)

- Optional wall-mount and stand-mount to save installation space for both indoor & outdoor applications

Applications

- Highway gas/service station

- Parking garage

- Commercial fleet operators

- EV dealer workshops

- EV infrastructure operators and service providers

Power Specifications

Input Connection	3-Phase : 3P+N+PE(Single-Phase Optional: 1P+N+PE)
Input Voltage	400Vac $\pm 10\%$ (230Vac $\pm 10\%$ Optional)
Input Current	16A or 32A
Frequency	50Hz or 60Hz
Output Voltage	400Vac $\pm 10\%$ (230Vac $\pm 10\%$ Optional)
Output Current	16A or 32A
Rated Power	11kW - 22kW (3.7kW - 7.4kW Optional)

User Interface & Control

LCD Display	4.3" Color Touch Screen(Optional)
User Authentication	RFID(ISO/IEC 14443) / APP
LED Indicator	Green/Blue/Red
Charger Connector	IEC 62196-2 Type 2 (SAEJ1772 Type 1 Optional)

Communication

Backend	Bluetooth / Wi-Fi / Ethernet (4G Optional)
Backend Protocol	OCPP 1.6 J (OCPP2.x Coming soon)

Protection

Residual Current Protection	Type A 30mA+DC 6mA
Electrical Protection	Over/Under Voltage Protection, Over Current Protection, Short Circuit Protection, Over Temperature Protection, Lightning Protection, Ground Fault, Surge Protection

Environmental

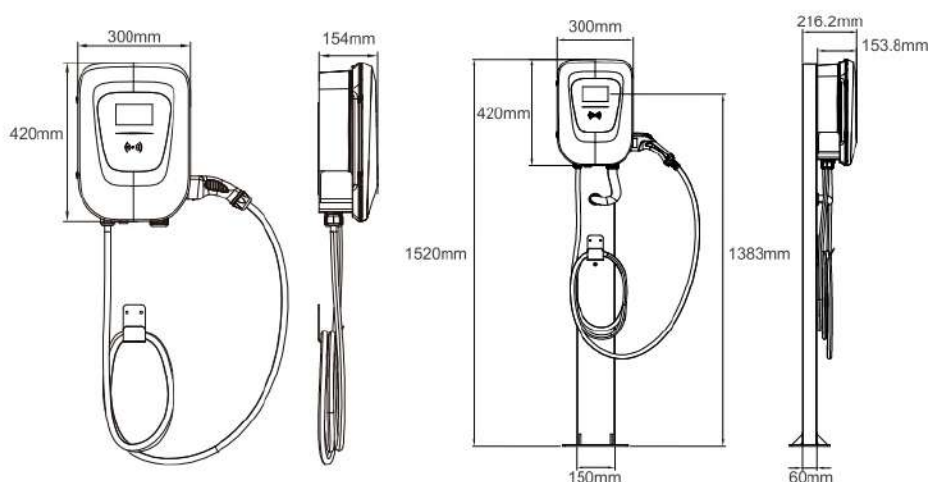
Operating Temperature	-30 $^{\circ}$ C - +50 $^{\circ}$ C
Storage Temperature	-40 $^{\circ}$ C - +85 $^{\circ}$ C
Operating Humidity	Max. 93% RH, Non-Condensing
Operating Altitude	≤ 2000 m
IP, IK Level	IP55, IK08
Cooling Method	Natural Cooling

Mechanical

Product Dimension	300mm*154mm*420mm(W*D*H)
Package Dimension	395mm*285mm*500mm(W*D*H)
Weight	5.9kg(Net) / 7.7kg(Gross)
Charging Cable Length	5m (Customizable)
Mounting	Wall-mount and Stand-mount

Certifications

Certificate	EN 61851-1 2019, IEC 62955 2018, IEC 61008-1 2010, IEC/EN 62196-1
Safety	TUV, CE





SMARTPEVC3401E - 30kW

Fast DC EV Charger



- Multi-standard: CCS1, CCS2, CHAdeMO
- Network or standalone operation
- Optional RFID/App etc. for user identification and management
- Support smart charging and load balancing
- Efficiency > 95%
- Power Factor ≥ 0.98
- Multiple protection to ensure users' safety
- 4.3 inches color touch screen with user friendly interface
- OCPP 1.6 JSON (Comply with latest OCPP protocol as SINO is the member of OCA)
- IK10& IP54
- Customization available
- Optional wall-mount and stand-mount to save installation space for both indoor & outdoor applications

Applications

- Highway gas/service station
- Parking garage
- Commercial fleet operators
- EV infrastructure operators and service providers
- EV dealer workshops

Power Specifications

Input Connection	3-Phase : 3P+N+PE
Input Voltage	400Vac $\pm$ 10%
Frequency	50Hz or 60Hz
THDi	$\leq$ 5%
Power Factor	$\geq$ 0.98
Output Voltage	150Vdc - 1000Vdc
Max. Output Current	100A(125A CHAdeMO)
Rated Power	30kW

User Interface & Control

LCD Display	4.3" Color Touch Screen
User Authentication	RFID(ISO/IEC 14443)(APP/ Credit Card Customization)
LED Indicator	Green/Blue/Red
Charger Connector	CCS2 (CCS1 / CHAdeMO Optional)
Energy Measuring	DC meter, with 1% accuracy

Communication

Backend	Ethernet / Bluetooth / Wi-Fi (4G Optional)
Charging Protocol	ISO 15118 , DIN 70121
Backend Protocol	OCPP 1.6 J (OCPP2.x Coming soon)

Protection

Residual Current Device	Yes
Internal Fuse	Yes
Electrical Protection	Over/Under Voltage Protection, Over Current Protection, Short Circuit Protection, Over/Under Temperature Protection, Lightning Protection, Ground Fault, Surge Protection

Environmental

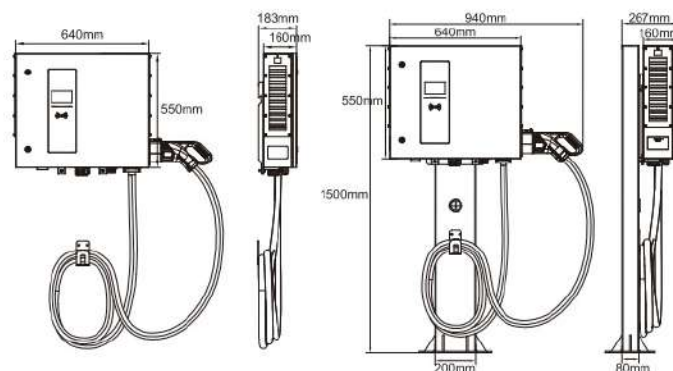
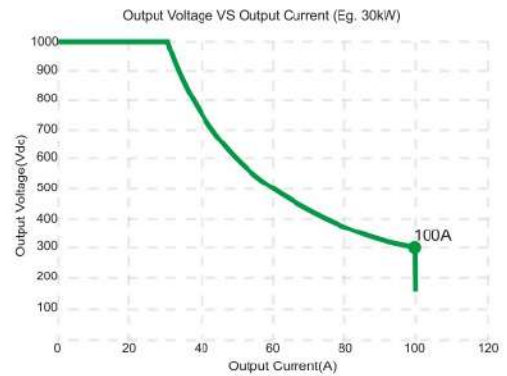
Operating Temperature	-30℃ - +50℃
Storage Temperature	-40℃ - +75℃
Operating Humidity	Max. 93% RH, Non-Condensing
Operating Altitude	$\leq$ 2000m
IP, IK Level	IP54, IK10
Cooling Method	Fan Cooling

Mechanical

Product Dimension	640mm*160mm*550mm(W*D*H)
Package Dimension	808mm*438mm*748mm(W*D*H)
Charging Cable Length	5m (Customizable)
Weight	80kg(Net) / 85.7kg(Gross)
Mounting	Wall-mount and Stand-mount

Certifications

Certificate	IEC62196-1, IEC62196-3, IEC 61851-1, IEC61851-23, IEC61851-24
Safety	CE





SMARTPEVC3106E - 60kW

Fast DC Charger



- Multi-standard: CCS1, CCS2, CHAdeMO
- Network or standalone operation
- Optional RFID/App etc. for user identification and management
- Support smart charging and load balancing
- Efficiency > 95%, Power Factor ≥ 0.98
- Multiple protection to ensure users' safety
- 7 inches color touch screen with user friendly interface
- OCPP 1.6 JSON (Comply with latest OCPP protocol as SINO is the member of OCA)
- IK10& IP54, for indoor and outdoor applications
- Customization available

Applications

- EV bus station
- Highway gas/service station
- Parking garage
- Commercial fleet operators
- EV infrastructure operators and service providers
- EV dealer workshops

Power Specifications

Input Connection

Input Voltage

Frequency

THDi

Power Factor

Output Voltage

Max. Output Current

Rated Power

3-Phase : 3P+N+PE

400Vac $\pm 10\%$

50Hz or 60Hz

$\leq 5\%$

≥ 0.98

150Vdc - 1000Vdc

200A (250A Optional)

60kW

User Interface & Control

LCD Display

User Authentication

LED Indicator

Charger Connector

Number of Charging Interface

Energy Measuring

7" Color Touch Screen(12" Customization)

RFID(ISO/IEC 14443)(APP/ Credit Card Customization)

Green/Blue/Red

CCS2 (CCS1 / CHAdeMO Optional)

1 or 2

DC meter, with 1% accuracy

Communication

Backend

Charging Protocol

Backend Protocol

Ethernet (4G Optional)

ISO 15118 , DIN 70121

OCPP 1.6 J (OCPP2.x Coming soon)

Protection

Residual Current Device

Internal Fuse

Electrical Protection

Yes

Yes

Over/Under Voltage Protection, Over Current Protection, Short Circuit Protection, Over/Under Temperature Protection, Lightning Protection, Ground Fault, Surge Protection

Environmental

Operating Temperature

Storage Temperature

Operating Humidity

Operating Altitude

IP, IK Level

Cooling Method

$-30^{\circ}\text{C} - +50^{\circ}\text{C}$

$-40^{\circ}\text{C} - +75^{\circ}\text{C}$

Max. 93% RH, Non-Condensing

$\leq 2000\text{m}$

IP54, IK10

Fan Cooling

Mechanical

Product Dimension

Package Dimension

Charging Cable Length

Weight

Mounting

700mm*240mm*1750mm(W*D*H)

1100mm*750mm*1890mm(W*D*H)

5m (Customizable)

220kg(Net) / 230kg(Gross)

Free Standing

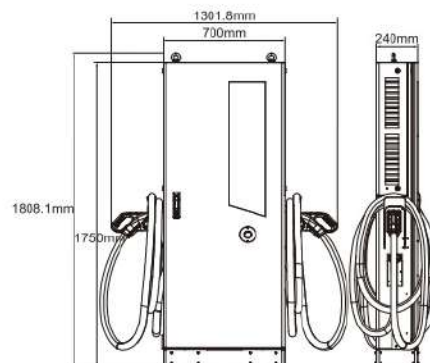
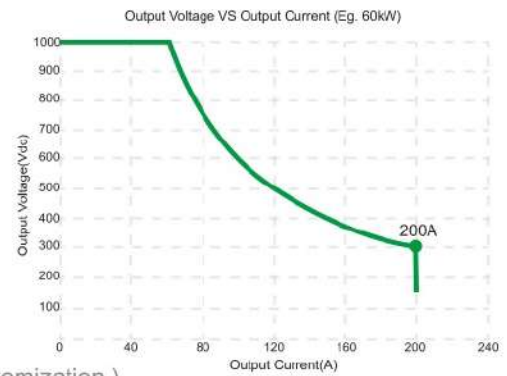
Certifications

Certificate

Safety

IEC62196-1, IEC62196-3, IEC 61851-1, IEC61851-23, IEC61851-24

CE





SMARTPEVC3107E - 60kW - 160kW

Ultra Fast DC Charger



- Multi-standard: CCS1, CCS2, CHAdeMO
- Network or standalone operation
- Optional RFID/App etc. for user identification and management
- Support smart charging and load balancing
- Efficiency > 95%, Power Factor ≥ 0.98
- Multiple protection to ensure users' safety
- 7 inches color touch screen with user friendly interface
- OCPP 1.6 JSON (Comply with latest OCPP protocol as SINO is the member of OCA)
- IK10& IP54, for indoor and outdoor applications
- Customization available

Applications

- EV bus station
- Highway gas/service station
- Parking garage
- Commercial fleet operators
- EV infrastructure operators and service providers
- EV dealer workshops

Power Specifications

Input Connection

Input Voltage

Frequency

THDi

Power Factor

Output Voltage

Max. Output Current

Rated Power

3-Phase : 3P+N+PE

400Vac $\pm 10\%$

50Hz or 60Hz

$\leq 5\%$

≥ 0.98

150Vdc - 1000Vdc

200A (250A Optional)

60kW - 160kW

User Interface & Control

LCD Display

User Authentication

LED Indicator

Charger Connector

Number of Charging Interface

Energy Measuring

7" Color Touch Screen(12" Customization)

RFID(ISO/IEC 14443)(APP/ Credit Card Customization)

Green/Blue/Red

CCS2 (CCS1 / CHAdeMO Optional)

1 or 2

DC meter, with 1% accuracy

Communication

Backend

Charging Protocol

Backend Protocol

Ethernet (4G Optional)

ISO 15118 , DIN 70121

OCPP 1.6 J (OCPP2.x Coming soon)

Protection

Residual Current Device

Internal Fuse

Electrical Protection

Yes

Yes

Over/Under Voltage Protection, Over Current Protection, Short Circuit Protection, Over Temperature Protection, Lightning Protection, Ground Fault, Surge Protection

Environmental

Operating Temperature

Storage Temperature

Operating Humidity

Operating Altitude

IP, IK Level

Cooling Method

$-30^{\circ}\text{C} - +50^{\circ}\text{C}$

$-40^{\circ}\text{C} - +75^{\circ}\text{C}$

Max. 93% RH, Non-Condensing

$\leq 2000\text{m}$

IP54, IK10

Fan Cooling

Mechanical

Product Dimension

Package Dimension

Charging Cable Length

Weight

Mounting

700mm*550mm*1800mm(W*D*H)

950mm*720mm*1950mm(W*D*H)

5m (Customizable)

363kg(Net) / 380kg(Gross)

Free Standing

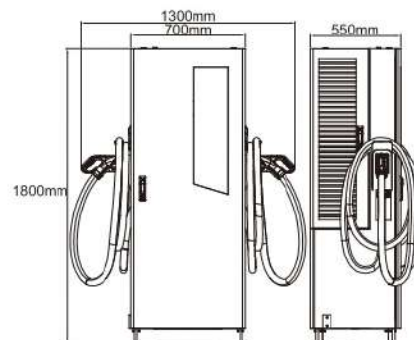
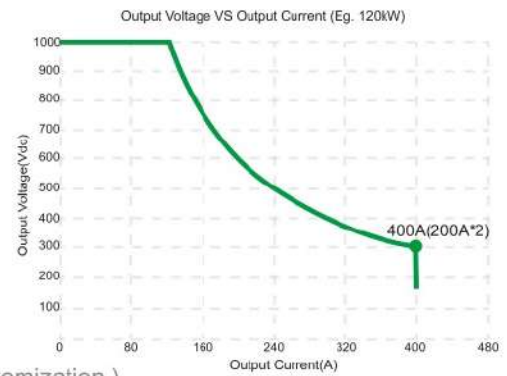
Certifications

Certificate

Safety

IEC62196-1, IEC62196-3, IEC 61851-1, IEC61851-23, IEC61851-24

CE





SMARTPEVC3108E - 120kW - 240kW

Ultra Fast DC Charger



CCS2

CCS1

CHAdeMO



- Multi-standard: CCS1, CCS2, CHAdeMO
- Network or standalone operation
- Optional RFID/App etc. for user identification and management
- Support smart charging and load balancing
- Efficiency > 95%, Power Factor ≥ 0.98
- Multiple protection to ensure users' safety
- 7 inches color touchscreen with user friendly interface
- OCPP 1.6 JSON (Comply with latest OCPP protocol as SINO is the member of OCA)
- IK10& IP54, for indoor and outdoor applications
- Customization available

Applications

- EV bus station
- Highway gas/service station
- Parking garage
- Commercial fleet operators
- EV infrastructure operators and service providers
- EV dealer workshops

Power Specifications

Input Connection	3-Phase : 3P+N+PE
Input Voltage	400Vac $\pm$ 10%
Frequency	50Hz or 60Hz
THDi	$\leq$ 5%
Power Factor	$\geq$ 0.98
Output Voltage	150Vdc - 1000Vdc
Max. Output Current	200A (250A Optional)
Rated Power	120kW - 240kW

User Interface & Control

LCD Display	7" Color Touch Screen(12" Customization)
User Authentication	RFID(ISO/IEC 14443)(APP/ Credit Card Customization)
LED Indicator	Green/Blue/Red
Charger Connector	CCS2 (CCS1 / CHAdeMO Optional)
Number of Charging Interface	1 or 2
Energy Measuring	DC meter, with 1% accuracy

Communication

Backend	Ethernet (4G Optional)
Charging Protocol	ISO 15118 , DIN 70121
Backend Protocol	OCPP 1.6 J (OCPP2.x Coming soon)

Protection

Residual Current Device	Yes
Internal Fuse	Yes
Electrical Protection	Over/Under Voltage Protection, Over Current Protection, Short Circuit Protection, Over Temperature Protection, Lightning Protection, Ground Fault, Surge Protection

Environmental

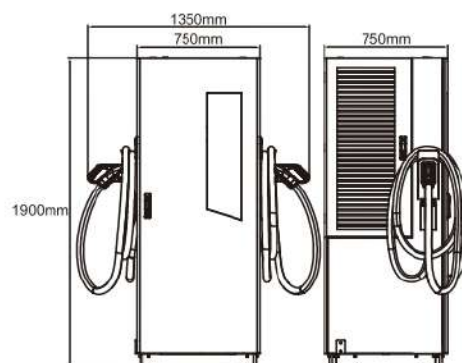
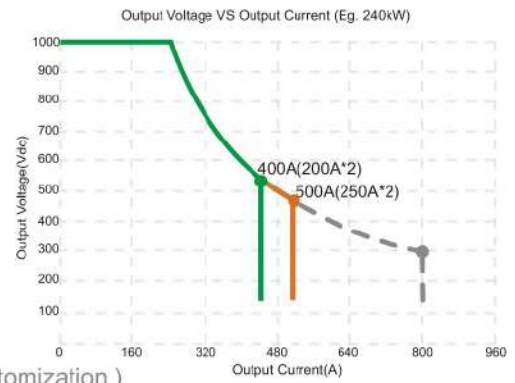
Operating Temperature	-30 $^{\circ}$ C - +50 $^{\circ}$ C
Storage Temperature	-40 $^{\circ}$ C - +75 $^{\circ}$ C
Operating Humidity	Max. 93% RH, Non-Condensing
Operating Altitude	$\leq$ 2000m
IP, IK Level	IP54, IK10
Cooling Method	Fan Cooling

Mechanical

Product Dimension	750mm*750mm*1900mm(W*D*H)
Package Dimension	1000mm*920mm*2050mm(W*D*H)
Charging Cable Length	5m (Customizable)
Weight	411kg(Net) / 428kg(Gross)
Mounting	Free Standing

Certifications

Certificate	IEC62196-1, IEC62196-3, IEC 61851-1, IEC61851-23, IEC61851-24
Safety	TUV, CE, CB





SMARTPEVC3302E **240kW / 360kW / 480kW**

Dynamic Split Charging System



- Supports full flexible dynamic allocation, maximizing the efficiency of power module utilization.
- Supports Boost Mode, enabling higher charging efficiency.
- Supports liquid-cooled charging gun, allowing for faster charging speeds.
- Keeps noise away from vehicle users.

Applications

- EV bus station
- Highway gas/service station
- Parking garage
- Commercial fleet operators
- EV infrastructure operators and service providers
- EV dealer workshops

General electric specifications

DC charging plug options	CCS2 (CCS1 / CHAdeMO Optional)
Voltage	Max. 1000 VDC
Standby power	25 W

Environmental specifications

Operating Temperature	-30 ℃ - +50 ℃
Storage Temperature	-40 ℃ - +75 ℃
Operating Humidity	5%-95% RH, Non-Condensing
Operating Altitude	≤ 2000m
IP, IK Level	IP54, IK10
Lightning protection	Level C

Connections

Backend	Ethernet (4G Optional)
Charging Protocol	ISO 15118 , DIN 70121
OCPP	OCPP 1.6 J (OCPP2.x Coming soon)
Electrical protections	Charging cable temperature monitoring, Earth leakage monitoring

Compliance to standards

Electrical safety	IEC 61851-1, IEC 61851-23
EMC, Harmonics	IEC 61851-21-2

Charging Outputs	Connect or Liquid or Air	Charging Current	Output Mode	Charging Power
4*CCS2	Air Cool	4*250A	Continuous Mode	480kW Max
8*CCS2	Air Cool	8*250A	Continuous Mode	480kW Max
4*CCS2	Air Cool	4*350A	Boost Mode 10 min	480kW Max
8*CCS2	Air Cool	8*350A	Boost Mode 10 min	480kW Max
4*CCS2	Liquid Cool	4*500A	Continuous Mode	480kW Max
8*CCS2	Liquid Cool	8*500A	Continuous Mode	480kW Max