

FAST EV CHARGER



Powered by CHAEVI

PRODUCT BROCHURE

January 2024

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CHARGING SERVICE

- Tap to Charge
- Operation
- Promotion

BRAND REFERENCE

- Fast Charger



Euri

Powered by CHAEVI

Euri is thrilled to announce a strategic partnership with *Chaevi*, a renowned manufacturer of Level 3 Commercial DC fast charging stations. This partnership enables Euri Station to offer a wide range of EV chargers with output power from 11KW (Residential) to 400kW (Commercial).

These level 3 chargers comply CAlEVIP 2.0 compliant, allowing owners to benefit from rebates provided by the California Energy Commission. The technology behind these chargers ensures reliability and safety, providing users with an exceptional charging experience.

We are excited about this collaboration and look forward to the positive impact it will have on the EV charging industry.

CHAEVI

PROFILE AT A GLANCE

- ✓ Manufacturer
- ✓ Product Service
- ✓ eMSP
- ✓ Platform Service
- ✓ Operator
- ✓ Customer Service

30k +

Total level 2 and level 3 chargers supplied to various clients

9,000 +

Chargers under management

36 +

Total number of patents acquired regarding EVSE

40 +

Partnerships with businesses in various industries, such as oil refining, logistics, shopping, car OEMs, etc.

Platform

Stable operation of chargers, user-friendly features implemented.

OCPP

OCPP 1.6 & 2.0.1 available

480kW

Max. Capacity power up to 480kW super fast charger developed.

PnC

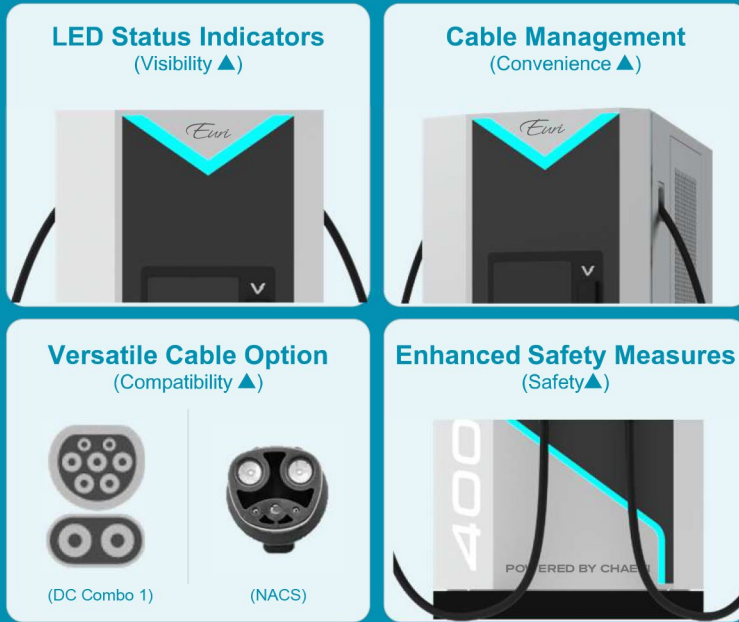
Smart charging as Plug and Charge is implementable. (ISO15118)

Award

Global IF design award, CES2023, 2024 Innovation awards and more

SUPERSONIC FEATURE

CV-3UD403P-NCC



No.	Item	Feature
1	LED Indicator	<ul style="list-style-type: none"> High visibility at night Display of real time status charging <ul style="list-style-type: none"> - Blue: Standby - Green: Charging - Red: Not Available
2	Cable Management	<ul style="list-style-type: none"> High-elastic cable preventing from twisting and dragging on the ground
3	15' LCD	<ul style="list-style-type: none"> User-friendly capacitive touch screen Advertisement available
4	RFID / IC Reader	<ul style="list-style-type: none"> Payment by membership card, credit card
5	Stop Button	<ul style="list-style-type: none"> Safety stop function for emergency
6	Dual Port	<ul style="list-style-type: none"> Simultaneous charging available (CCS1, NACS, CCS1+NACS)
7	SUS Material	<ul style="list-style-type: none"> Stainless surface enabling extreme weather conditioning
8	Remote Start	<ul style="list-style-type: none"> Charger remotely start/stop by Chaevi Application



SUPERSONIC SPECS SHEET

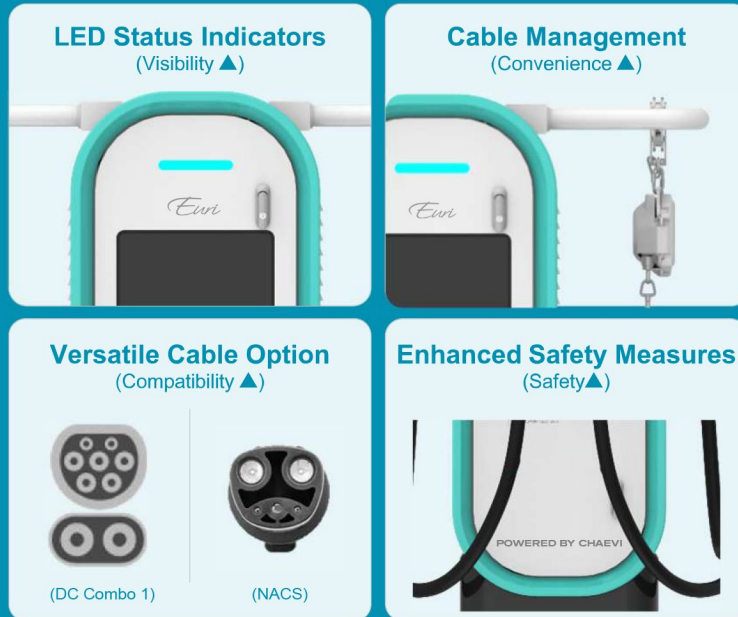
CV-3UD403P-NCC



DC Output Power	400kW
DC Output Voltage	150 ~ 1000Vdc
DC Output Current	- Dual CCS1: 500A (Simultaneous 400A/400A) - CCS1+NACS: CCS1 500A or NACS 350A (Simultaneous 400A/350A) - Dual NACS: 350A (Simultaneous 350A/350A)
Number of Outputs	2
Output combinations	CCS1+CCS1 ± NACS(available)
Cable type	Liquid-Cooling
Cable Length	Standard : 4.7m(TBD)
Efficiency	>94% at nominal output power
Input connection	3 Phases 4wires + PE
Input Voltage	480Vac ± 10%
Input frequency	50/60Hz
Input current	529A
Input power	440 kW
Power factor	>0.98 at full load
Harmonic Distortion(THD)	<5% at full output power
Earthing Systems	TN-S, TN-C, TN-C-S, TT (with upstream RCD)
Overvoltage category	Type III
Protection	Overcurrent, Overvoltage, Undervoltage, Ground fault including DC leakage protection, Over temperature, Integrated Surge protection
Short circuit current	65kA
Dimension(WxHxD)	900 (W) x 1100 (D) x 2000 (H) mm 35.4 (W) x 43.3 (D) x 78.7 (H) In
Mounting Type	Floor mounted
Weight	750kg / 1,654 lbs
Enclosure type	Stainless steel 430 or 304L
IK rating	IK10(HMI : IK08)
IP rating	NEMA 3R, IP55
Enclosure type	Outdoor and Indoor
Maximum operating altitude	Up to 2000m
Humidity	5 ~ 95% Rh non-condensing
Operating Temperature	-35°C ~ + 50°C/ -31 F ~ + 122 F (De-rating characteristics apply at extreme temperatures)
Storage Temperature	-40°C ~ +80°C/ -40 F ~ + 176 F
Noise level	< 70dB(A) at 1m distance @25°C on front door, at full power
Screen Type	15" LCD high-contrast touch-screen
Languages	English/French
Cellular communication	LTE Modem/LAN
Communication Protocol	OCPP 1.6 and 2.0.1
Authentication methods	ISO 14443 Type A,B RFID/Credit Card/QR code
Declaration of Conformity	NRTL, CTEP/NTEP
Compliance and Safety(TBD)	UL 2202, UL1998, UL2231-1, UL2231-2, UL991, UL50, UL50E, CSA C22.2 No.107.1; EMC : FCC Part15

SONIC FEATURE

CV-3FD180/150/120P-IUL



No.	Item	Feature
1	LED Indicator	<ul style="list-style-type: none"> High visibility at night Display of real time status charging <ul style="list-style-type: none"> - Blue: Standby - Green: Charging - Red: Not Available
2	Cable Management	<ul style="list-style-type: none"> High-elastic cable preventing from twisting and dragging on the ground
3	15' LCD	<ul style="list-style-type: none"> User-friendly capacitive touch screen Advertisement available
4	RFID / IC Reader	<ul style="list-style-type: none"> Payment by membership card, credit card
5	Stop Button	<ul style="list-style-type: none"> Safety stop function for emergency
6	Dual Port	<ul style="list-style-type: none"> Simultaneous charging available (CCS1, NACS, CCS1+NACS)
7	SUS Material	<ul style="list-style-type: none"> Stainless surface enabling extreme weather conditioning
8	Remote Start	<ul style="list-style-type: none"> Charger remotely start/stop by Chaevi Application



SONIC SPECS SHEET

CV-3FD180P-IUL



Max. Charging Capacity	180kW
AC Input Voltage	480Y/277VAC ±10%, 50/60Hz
AC Input Connection	3-phase : L1, L2, L3, N, PE (GND)
Nominal Input Current and Input Power Rating	238A, 198kW
Recommended Upstream Circuit Breaker(s)	4pole-300A (Recommended Upstream Circuit Breaker)
Power Factor	>0.96
Current THD	<5%
Short Circuit Current Rating	65kA
DC Output Voltage	150 ~ 1000VDC
DC Output Current	300A (max)
Charging Type	Stand-alone Charging, Simultaneous Charging
Efficiency	>94%
Charging Protocols	CCS-1 + CCS-1
User Interface	15" Touchscreen Display
Charger Status Indicators	LED Status Indicator
User Authentication	ISO 14443 Type A,B RFID/ Credit Card/ QR Code
Network Connection	LTE Modem/LAN
Communication	OCPP 1.6 and 2.0.1
Supported Languages	English (Others available on request)
Operating Temperature	-35°C ~ +50°C / -31°F ~ +122°F (De-rating characteristics apply at extreme temperatures)
Storage Temperature	-40°C ~ +80°C / -40°F ~ +176°F
Protection	IP54, NEMA 3R; Indoor and Outdoor Rated
Humidity	5% to 95% (Non-Condensing)
Altitude	2000m
Dimension	830 (W) x 800 (D) x 1900 (H) mm 32.7 (W) x 31.5 (D) x 74.8 (H) In
Weight	462 kg / 1,019 lbs
Compliance and Safety	UL 2202, UL1998, UL2231-1, UL2231-2, UL991, UL50, UL50E CSA C22.2 No.107.1; EMC : FCC Part18
Plug and Charge (PnC)	ISO 15118

SONIC SPECS SHEET

CV-3FD150P-IUL



Max. Charging Capacity	150kW
AC Input Voltage	480Y/277VAC ±10%, 50/60Hz
AC Input Connection	3-phase : L1, L2, L3, N, PE (GND)
Nominal Input Current and Input Power Rating	198A, 165kW
Recommended Upstream Circuit Breaker(s)	4pole-250A (Recommended Upstream Circuit Breaker)
Power Factor	>0.96
Current THD	<5%
Short Circuit Current Rating	65kA
DC Output Voltage	150 ~ 1000VDC
DC Output Current	300A (max)
Charging Type	Stand-alone Charging, Simultaneous Charging
Efficiency	>94%
Charging Protocols	CCS-1 + CCS-1
User Interface	15" Touchscreen Display
Charger Status Indicators	LED Status Indicator
User Authentication	ISO 14443 Type A,B RFID/ Credit Card/ QR Code
Network Connection	LTE Modem/LAN
Communication	OCPP 1.6 and 2.0.1
Supported Languages	English (Others available on request)
Operating Temperature	-35°C ~ +50°C / -31°F ~ +122°F (De-rating characteristics apply at extreme temperatures)
Storage Temperature	-40°C ~ +80°C / -40°F ~ +176°F
Protection	IP54, NEMA 3R; Indoor and Outdoor Rated
Humidity	5% to 95% (Non-Condensing)
Altitude	2000m
Dimension	830 (W) x 800 (D) x 1900 (H) mm 32.7 (W) x 31.5 (D) x 74.8 (H) In
Weight	440 kg / 970 lbs
Compliance and Safety	UL 2202, UL1998, UL2231-1, UL2231-2, UL991, UL50, UL50E CSA C22.2 No.107.1; EMC : FCC Part18
Plug and Charge (PnC)	ISO 15118

SONIC SPECS SHEET

CV-3FD120P-IUL



Max. Charging Capacity	120kW
AC Input Voltage	480Y/277VAC ±10%, 50/60Hz
AC Input Connection	3-phase : L1, L2, L3, N, PE (GND)
Nominal Input Current and Input Power Rating	158A,132kW
Recommended Upstream Circuit Breaker(s)	4pole-200A (Recommended Upstream Circuit Breaker)
Power Factor	>0.96
Current THD	<5%
Short Circuit Current Rating	65kA
DC Output Voltage	150 ~ 1000VDC
DC Output Current	300A (max)
Charging Type	Stand-alone Charging, Simultaneous Charging
Efficiency	>94%
Charging Protocols	CCS-1 + CCS-1
User Interface	15" Touchscreen Display
Charger Status Indicators	LED Status Indicator
User Authentication	ISO 14443 Type A,B RFID/ Credit Card/ QR Code
Network Connection	LTE Modem/LAN
Communication	OCPP 1.6 and 2.0.1
Supported Languages	English (Others available on request)
Operating Temperature	-35°C ~ +50°C / -31°F ~ +122°F (De-rating characteristics apply at extreme temperatures)
Storage Temperature	-40°C ~ +80°C / -40°F ~ +176°F
Protection	IP54, NEMA 3R; Indoor and Outdoor Rated
Humidity	5% to 95% (Non-Condensing)
Altitude	2000m
Dimension	830 (W) x 800 (D) x 1900 (H) mm 32.7 (W) x 31.5 (D) x 74.8 (H) In
Weight	420 kg / 926 lbs
Compliance and Safety	UL 2202, UL1998, UL2231-1, UL2231-2, UL991, UL50, UL50E CSA C22.2 No.107.1; EMC : FCC Part18
Plug and Charge (PnC)	ISO 15118

DUO-CONIC FEATURE

DCV-3FD180/150/120-ICN



No.	Item	Feature
1	Top LED	
2	Inner Line LED	· High visibility at night
3	Dot SOC LED	· Display of real time status of charging
4	Bottom LED	
5	Top Cable	· High-elastic cable preventing from twisting and dragging on the ground
6	15" LCD	· User-friendly capacitive touch screen · Advertisement available
7	RFID Card Reader Credit Card Reader	· Payment by membership card, credit card
8	Stop Button	· Safety stop function for emergency
9	Dual Connectors (CCS1+CCS1)	· Simultaneous charging available two charging points (90/90kW) · Sequence charging available one charging points (180kW)
10	SUS Material	· Stainless surface enabling extreme weather conditioning
11	Remote Start	· Charger remotely start/stop by Chaevi Application

DUOCONIC

SPECS SHEET

DCV-3FD180-ICN



Max. Charging Capacity	180kW
AC Input Voltage	480Y/277VAC ±10%, 50/60Hz
AC Input Connection	3-phase : L1, L2, L3, N, PE(GND)
Nominal Input Current and Input Power Rating	238A, 198kW
Recommended Upstream Circuit Breaker(s)	4pole-250A
Power Factor	>0.96
Current THD	<5%
Short Circuit Current Rating	35kA
DC Output Voltage	150 ~ 1000VDC
DC Output Current	200A (max)
Charging Type	Stand-alone Charging, Simultaneous Charging
Efficiency	>94%
Charging Protocols	CCS-1
User Interface	15" Touchscreen Display
Charger Status Indicators	LED Status Indicator
User Authentication	ISO 14443 Type A,B RFID/ Credit Card/ QR Code
Network Connection	LTE Modem/LAN
Communication	OCPP 1.6 and 2.0.1
Supported Languages	English (Others available on request)
Operating Temperature	-35°C ~ +50°C / -31°F ~ +122°F (De-rating characteristics apply at extreme temperatures)
Storage Temperature	-40°C ~ +80°C / -40°F ~ +176°F
Protection	IP54, NEMA 3R; Indoor and Outdoor Rated
Humidity	5% to 95% (Non-Condensing)
Altitude	2000m
Dimension	1000 (W) x 605 (D) x 2300 (H) mm 39.4 (W) x 23.8 (D) x 90.6 (H) In
Weight	352 kg / 776 lbs
Compliance and Safety	UL 2202, UL1998, UL2231-1, UL2231-2, UL991, UL50, UL50E CSA C22.2 No.107.1; EMC : FCC Part18
Plug and Charge (PnC)	ISO 15118

DUOCONIC SPECS SHEET

DCV-3FD150-ICN



Max. Charging Capacity	150kW
AC Input Voltage	480Y/277VAC ±10%, 50/60Hz
AC Input Connection	3-phase : L1, L2, L3, N, PE(GND)
Nominal Input Current and Input Power Rating	198A, 165kW
Recommended Upstream Circuit Breaker(s)	4pole-250A
Power Factor	>0.96
Current THD	<5%
Short Circuit Current Rating	35kA
DC Output Voltage	150 ~ 1000VDC
DC Output Current	200A (max)
Charging Type	Stand-alone Charging, Simultaneous Charging
Efficiency	>94%
Charging Protocols	CCS-1
User Interface	15" Touchscreen Display
Charger Status Indicators	LED Status Indicator
User Authentication	ISO 14443 Type A,B RFID/ Credit Card/ QR Code
Network Connection	LTE Modem/LAN
Communication	OCPP 1.6 and 2.0.1
Supported Languages	English (Others available on request)
Operating Temperature	-35°C ~ +50°C / -31°F ~ +122°F (De-rating characteristics apply at extreme temperatures)
Storage Temperature	-40°C ~ +80°C / -40°F ~ +176°F
Protection	IP54, NEMA 3R; Indoor and Outdoor Rated
Humidity	5% to 95% (Non-Condensing)
Altitude	2000m
Dimension	1000 (W) x 605 (D) x 2300 (H) mm 39.4 (W) x 23.8 (D) x 90.6 (H) In
Weight	335 kg / 739 lbs
Compliance and Safety	UL 2202, UL1998, UL2231-1, UL2231-2, UL991, UL50, UL50E CSA C22.2 No.107.1; EMC : FCC Part18
Plug and Charge (PnC)	ISO 15118

DUOCONIC SPECS SHEET

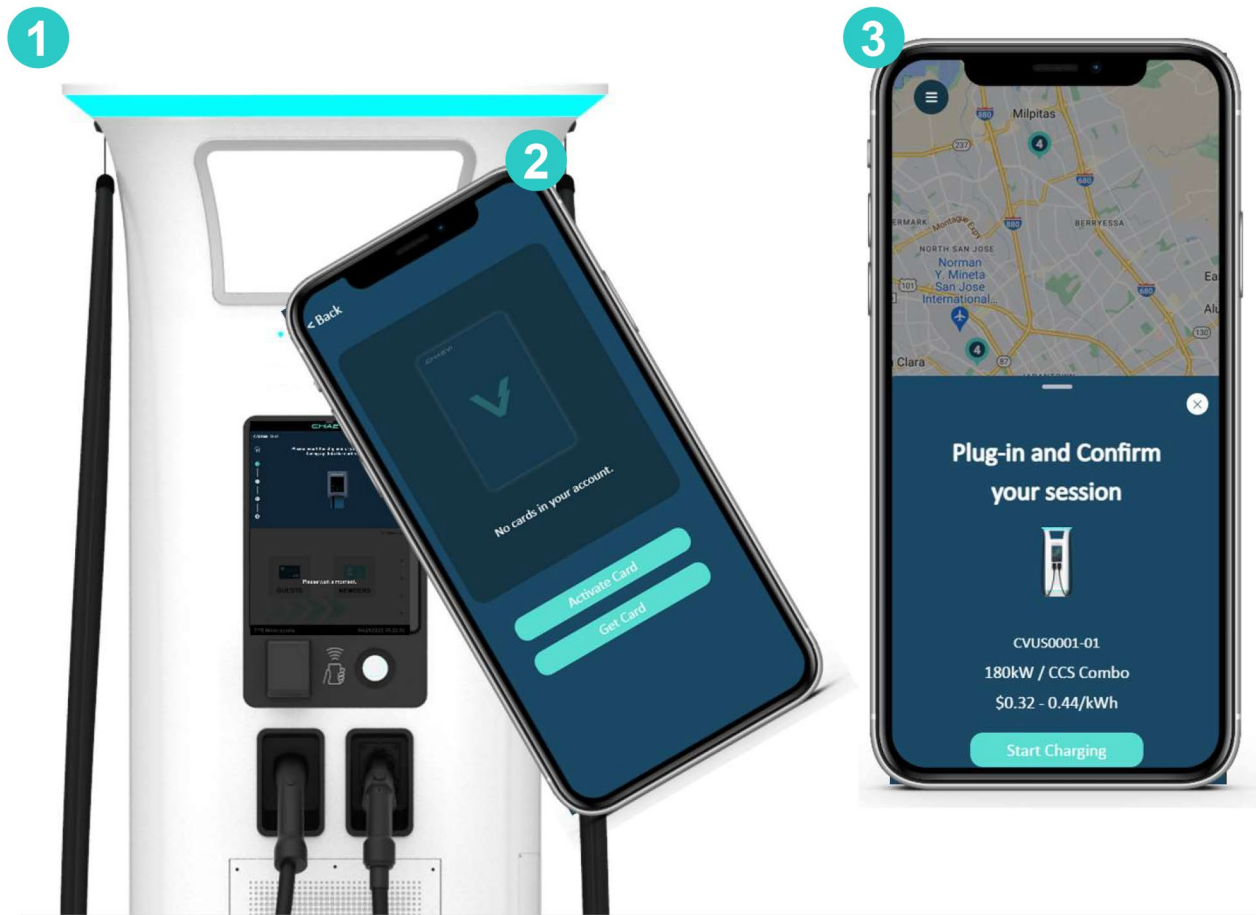
DCV-3FD120-ICN



Max. Charging Capacity	120kW
AC Input Voltage	480Y/277VAC ±10%, 50/60Hz
AC Input Connection	3-phase : L1, L2, L3, N, PE(GND)
Nominal Input Current and Input Power Rating	158A, 132kW
Recommended Upstream Circuit Breaker(s)	4pole-250A
Power Factor	>0.96
Current THD	<5%
Short Circuit Current Rating	35kA
DC Output Voltage	150 ~ 1000VDC
DC Output Current	200A (max)
Charging Type	Stand-alone Charging, Simultaneous Charging
Efficiency	>94%
Charging Protocols	CCS-1
User Interface	15" Touchscreen Display
Charger Status Indicators	LED Status Indicator
User Authentication	ISO 14443 Type A,B RFID/ Credit Card/ QR Code
Network Connection	LTE Modem/LAN
Communication	OCPP 1.6 and 2.0.1
Supported Languages	English (Others available on request)
Operating Temperature	-35°C ~ +50°C / -31°F ~ +122°F (De-rating characteristics apply at extreme temperatures)
Storage Temperature	-40°C ~ +80°C / -40°F ~ +176°F
Protection	IP54, NEMA 3R; Indoor and Outdoor Rated
Humidity	5% to 95% (Non-Condensing)
Altitude	2000m
Dimension	1000 (W) x 605 (D) x 2300 (H) mm 39.4 (W) x 23.8 (D) x 90.6 (H) In
Weight	318 kg / 701 lbs
Compliance and Safety	UL 2202, UL1998, UL2231-1, UL2231-2, UL991, UL50, UL50E CSA C22.2 No.107.1; EMC : FCC Part18
Plug and Charge (PnC)	ISO 15118

CHARGING SERVICE TAP TO CHARGE

Three Simple Steps for EV Charging Service



1. Credit Card

- “Guests” on screen
- Credit Card Insert on the card terminal. Once credit card deposit approved, moving to Connector plug-in screen
- Go Charge

2. RFID E-Card(App)

- “Member” on screen
- Tagging CHAEVI App E-card on the RFID sign on charger (usually beside the payment terminal machine)
- Go Charge

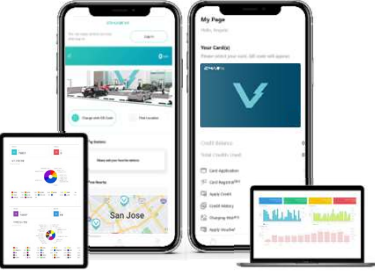
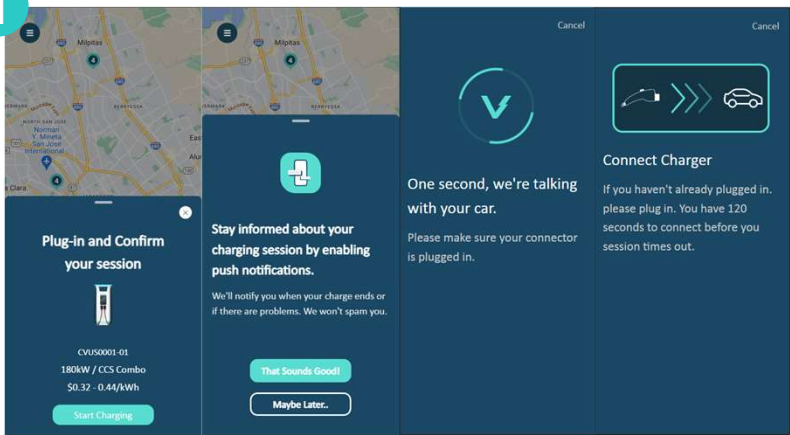
3. Application (Remote)

- Log-in App, Starting Charging (Selecting the location, charger ID, connector type), All remote app control(start/stop)
- Connector Plug-In and Go Charge

CHARGING SERVICE OPERATION

Software/Platform Services for Public / Private Operation

1



2



1. Software Platform

- Real-time charging operation
- OCPP 1.6/2.0.1 standard
- AWS Cloud-based platform
- Over-the-air update
- Automatic remote update
- Automatic remote diagnosis

2. Control Hub (Admin Portal)

- Real-time charging status
- Remote charging start/stop
- Charging & Credit history
- Charging pattern analysis
- Charging utilization analysis
- Charging revenue calculation

CHARGING SERVICE PROMOTION

Promotion Services for Commercial Advertisement



1. Charger LCD with Touch Panel

- 24/7/365 ads exposes to public for all image extensions and remote updates(OTA)
- Daily average of 140 minutes exposure(30 sec loop)
- UX/UI customizing design for ads

2. Application

- Real-time ads exposure, all app users can be notified.
- Push/Banner/Badges all types can be customized
- All image extensions and remote updates (OTA)
- UX/UI customizing design for ads

BRAND REFERENCE FAST CHARGER

 **HYUNDAI**



All Sector Partnership (2018~)
Hyundai's E-pit charging station
Hyundai's High-Charger charging station
(Fast charging station)

PORSCHE



All Sector Partnership(2019~)
Porsche's Charging Infrastructure
(Fast charging station)



All Sector Partnership (2021~)
Audi's Charging Infrastructure
(Fast charging station)

TESLA

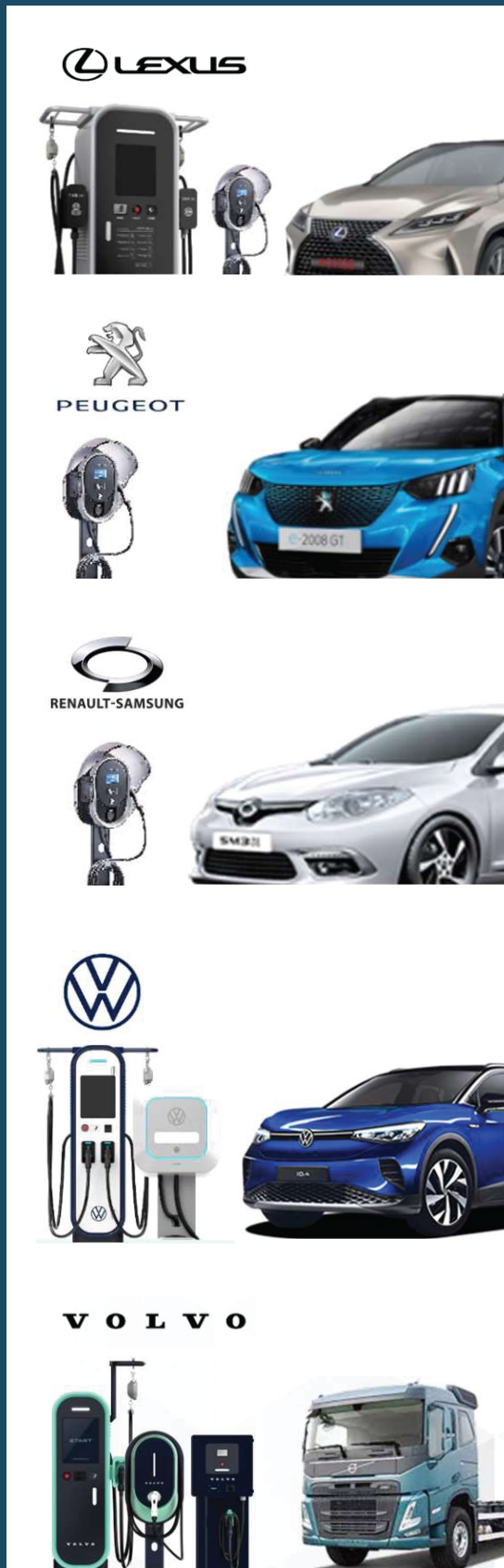


Installing Partnership(2017~)
Tesla 's Supercharger Installation (Fast
charging station)



All Sector Partnership (2020~)
Genesis Home Chargers Service
(Home charging & Fast charging station)

BRAND REFERENCE FAST CHARGER



All Sector Partnership(2021~)

Toyota and Lexus's Charging Infrastructure
(Home charging & Fast charging station)

All Sector Partnership(2020~)

Peugeot's charging station for dealership
(Home charging station)

All Sector Partnership(2017~)

Renault-Samsung's Home Charger
Service
(Home charging station)

All Sector Partnership(2022~)

VW's slow/fast charger in dealership
(Home charging & Fast charging station)

All Sector Partnership(2022~)

Volvo Truck's fast chargers in dealership
(Fast charging station)

CHAEVI

Euri

Powered by **CHAEVI**

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