

COSTEL EV

EV CHARGER COLLECTION

Smart Convenient Charging Wherever You Go











For Export



50kW Fast Charger

- ① CEC-0510 BR
- ② CEC-0520 BR
- ③ CEC-0530 BR

- Configuration of screen usage with a focus on user-friendliness
- 13-inch large LCD installation expands user visibility and improves user convenience
- Equipped with 3 charging connectors (CEC-0530), (CHAdEMO, CCS 1, 2, IEC62196-2 Type2)
- It charges the fast charging method of various vehicles with one complex multi-quick charger, can be charged by selecting the unique fast charging type for each vehicle type
- Securing enhanced painting quality and durability even in an external installation environment

| | | | | |
|---|--|--|--|--|
|  Connector <ul style="list-style-type: none">① Combo Type 1/2② Combo Type 1/2, CHAdEMO③ Combo Type 1/2, CHAdEMO, AC 3 phase (IEC 62196-2 Type2) |  Input <p>3 phase 380Vac, 50/60Hz</p> |  Output <ul style="list-style-type: none">①, ② DC 150~500V, 125A, 50kW③ AC 380V, 63A, 43kW |  Operation screen <p>13 - inch LCD Touch Screen</p> |  User Authentication <p>RF Card or Credit Card</p> |
|  Efficiency <p>CEC-0520 : 95.50% CEC-0530 : 96.03%</p> |  Dimension/Weight <p>CEC-0520 : 180kg 810(W) × 690(D) × 1,610(H)mm CEC-0530 : 190kg 970(W) × 690(D) × 1,610(H)mm</p> |  IP Rating <p>IP 54</p> |  Operating temp./Humidity <p>Temperature : -25°C ~ 40°C Humidity : 20% ~ 93%</p> |  Certification <p>CE, KC</p> |

For Export

100kW Fast Charger

- ① CEC-1020 BR
- ② CEC-1021 BR

- Configuration of screen usage with a focus on user-friendliness
- 13-inch large LCD installation expands user visibility and improves user convenience
- 100Kw high-capacity fast charger
- Simultaneous charging of two electric vehicles (50kW at the same time)
- Securing enhanced painting quality and durability even in an external installation environment



Connector

- ① Combo Type 1/2, Combo Type 1/2
- ② Combo Type 1/2, CHAdeMo



Input

3 phase 380Vac, 50/60Hz



Output

- ① DC 150~500V, 200A, 100kW (1 Channel)
DC 150~500V, 125A, 50kW (2 Channels)
- ② DC 150~500V, 200A, 100kW (1 Channel - Combo Type 2)
DC 150~500V, 125A 50kW (1 Channel - CHAdeMo / 2 Channels)



Operation screen

13 - inch LCD Touch Screen



User Authentication

RF Card or Credit Card



Efficiency

CEC-1020 : 95.36%
CEC-1021 : 95.36%



Dimension/Weight

CEC-1020, CEC-1021 : 283kg
810(W) × 730(D) × 1,610(H)mm



IP Rating

IP 54



Operating temp./Humidity

Temperature : -25°C ~ 40°C
Humidity : 20% ~ 93%

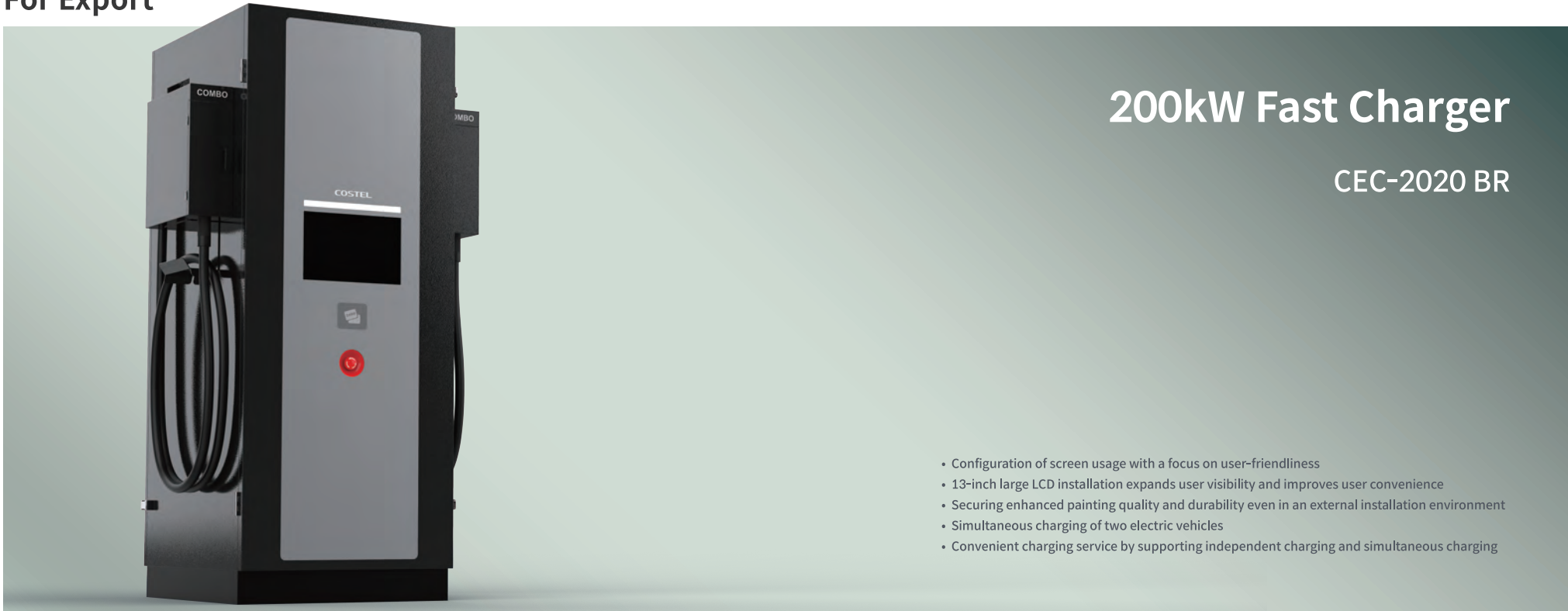


Certification

CE, KC

COSTEL











For Export



200kW Fast Charger

CEC-2020 BR

- Configuration of screen usage with a focus on user-friendliness
- 13-inch large LCD installation expands user visibility and improves user convenience
- Securing enhanced painting quality and durability even in an external installation environment
- Simultaneous charging of two electric vehicles
- Convenient charging service by supporting independent charging and simultaneous charging

| | | | | |
|---|---|--|---|--|
|  Connector Combo Type 2 + Combo Type 2 |  Input 3 phase 4-wire, 380Vac, 324A, 50/60Hz, 213kW |  Output DC 1000V, 200A, 200kW (1 Channel) DC 750V, 130A, 100kW (2 Channels) |  Operation screen 13 - inch LCD Touch Screen |  User Authentication RF Card or Credit Card |
|  Efficiency CEC-2020 : 96.2% |  Dimension/Weight CEC-2020 : 510kg 1,030(W) × 970(D) × 1,820(H)mm |  IP Rating IP 54 |  Operating temp./Humidity Temperature : -25°C ~ 40°C Humidity : 20% ~ 93% |  Certification CE, KC |

For Export

7kw Slow Charger

CEC-1603HR1

Wall-Mount C TYPE
(Private charger*)

- AC 7kW wall-mounted slow charger
- AC 5kW, 3.5kW configurable
- Minimalistic, simple design
- *Private charger installed at a private residence or property(without payments system)



Connector

IEC 62196-2 Type 2



Input

Single phase 110~240Vac, 50/60Hz,
Max 32A, 3.5~7kW



Output

Single-phase 110~240Vac, 50/60Hz,
Max 32A, 3.5~7kW x 1 ch



Operation screen

Touch Key / Status LED



User Authentication

RF Card



Efficiency

CEC-1603HR1 : N/A



Dimension/Weight

CEC-1603HR1 : 5.6kg
160(W) × 89(D) × 230(H)mm



IP Rating

IP 55



Operating temp./Humidity

Temperature : -25°C ~ 40°C
Humidity : 20% ~ 93%



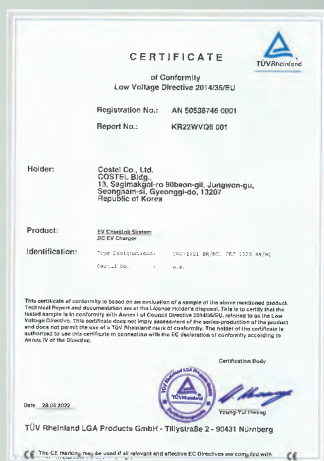
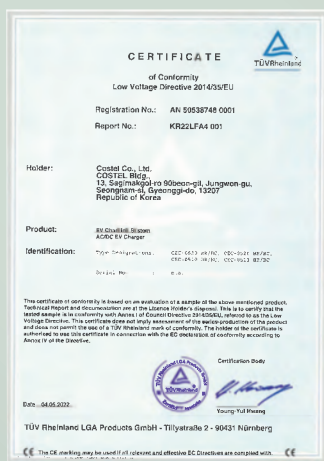
Certification

CE, KC

COSTEL

EV Charger Certification

CE certification



OCPP 1.6 certification



Certificate holder: **COSTEL Co.,Ltd**
 Certificate number: **OCA.0016.0242.CS**
 Product type: **Charging Station**
 Product designation: **CEC-0530BR**
OCPP Software version: V1.0.1
Hardware feature set as stated below
December 14, 2022

This certificate attests that the above mentioned product successfully completed certification testing in conformance with the reference specification OCPP 1.6 – Edition 2 with OCPP 1.6 Errata sheet (v4.0 Release, 2019-10-23). The optional features of the protocol are also covered by this certification.

Test cases have been performed as described in the test report referred to below. The results and remarks can be found in the complete test report.

| Applied test: | Performed by / on: | Document # / version: |
|---|--|----------------------------------|
| Conformance testing according to the test specification referenced by the test report | Korea Smart Grid Association, December 14, 2022 | KSGA_20221214_Test Report_COSTEL |

The abstract of test report in the Annex is an integral part of this certificate. This certificate is valid from the Certification Date specified above. This certificate is only applicable to the product designation described above and permits the use of the OCPP logo as laid down in the OCA certification logo license agreement on this product only.

This certificate shall neither be tendered nor accepted by any party as a guarantee covering quality of a product which includes OCPP, The Open Charge Alliance, and/or its agents, including, Inter-alia, test laboratories, disclaim liability for any damages or losses incurred by the certified company or by any other party resulting from reliance on the results of OCPP certification testing.

For the Open Charge Alliance:

ONOPH CARON
Chairman

Authority of this certificate can be verified at: www.ocppcertification.com



Certification

Efficiency certification

The image displays four efficiency certification certificates for electric vehicle charging stations, arranged in a row. Each certificate is issued by the Korea Electric Power Corporation (KEPCO) and the Korea Electric Power Users' Association (KEPUA). The certificates are for different models of charging stations, each with its own unique identification number and technical specifications.

Certificate 1 (Leftmost): Issued on 2021-03-03. Model: CEC-0520BR. Power: 56 kW. Efficiency: 95.50%.

Certificate 2: Issued on 2022-12-27. Model: CEC-1020BR1. Power: 56 kW. Efficiency: 96.03%.

Certificate 3: Issued on 2021-03-03. Model: CEC-1020BR. Power: 106 kW. Efficiency: 95.36%.

Certificate 4 (Rightmost): Issued on 2023-03-20. Model: CEC-2020BR. Power: 200 kW. Efficiency: 96.2%.

Each certificate includes the following information:

- Issuer:** 한국에너지공단 (Korea Energy Management Corporation)
- Recipient:** 한국에너지공단 이사장 (Chairman of Korea Energy Management Corporation)
- Model Name:** 전기자동차 충전장치 (Electric Vehicle Charging Station)
- Model Number:** CEC-0520BR, CEC-1020BR1, CEC-1020BR, CEC-2020BR
- Power (kW):** 56, 56, 106, 200
- Efficiency (%):** 95.50, 96.03, 95.36, 96.2
- Issuance Date:** 2021년03월03일, 2022년12월27일, 2021년03월03일, 2023년03월20일

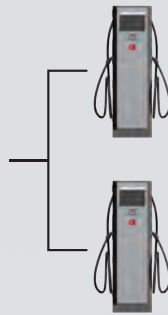


For Domestic

480kW, 300kW Large-Capacity Charger

① CEC-4800

② CEC-3000 CEC-0020



- ① 480kW large-capacity charger
- ② 300kW large-capacity charger
- Electric bus charging possible
- POWER BANK + 2CH DISPENSER configuration
- Configuration of screen usage with a focus on user-friendliness
- 13-inch large LCD installation expands user visibility and improves user convenience
- Securing enhanced painting quality and durability even in an external installation environment
- Independent charging and simultaneous charging
 - ① Sequential charging support
- Expandable up to 2 unit of dispenser



Connector

Combo Type 1/2 + Combo Type 1/2



Input

- ① 3-phase 4-Wire, 380Vac, 752A, 60Hz, 480kW
- ② 3-phase 4-Wire, 380Vac, 470A, 60Hz, 300kW



Output

- ① DC 1000V, 200A, 200kW (1 Channel)
DC 750V, 160A, 120kW (2 Channel)
DC 750V, 160A, 120kW (4 channels, sequential charging)
- ② DC 1000V, 200A, 200kW (1 Channel)
DC 750V, 200A, 150kW (2 Channel)
DC 750V, 200A, 75kW (4 channels)



Operation screen

Operation status : charging standby, charging, charging completion, etc.



User Authentication

RF Card



Dimension/Weight

Power Bank
1200(W) × 900(D) × 2000(H)mm
Dispenser
500(W) × 320(D) × 1,600(H)mm



IP Rating

Power Bank : IP 44
Dispenser : IP 44



Operating temp./Humidity

Temperature : -25°C ~ 40°C
Humidity : 20% ~ 93%



Certification

KC

For Domestic



30kW Mid speed Charger

① CEC-0310 BR

② CEC-0311 BR

- Impressive design with strong contrast between white and dark gray.
- 30kW output. Electric vehicle charger capable of medium-speed charging.
- Easy to use in logistics centers with frequent transportation and narrow spaces.



Connector

SAE J1772



Input

3-phase 4-Wire, 380Vac,
50A, 60Hz



Output

DC 150~1000V,
Max 100A(@300V), 30kW



Operation screen

4.3 - inch LCD Touch Screen



User Authentication

RF Card



Dimension/Weight

CEC-0310BR
650(W) × 275(D) × 1,500(H)mm
CEC-0311BR
650(W) × 275(D) × 625(H)mm



IP Rating

IP 44



Operating temp./Humidity

Temperature : -25°C ~ 40°C
Humidity : 20% ~ 93%



Certification

KC

For Domestic

7kW, 11kW, 14kW, 22kW Slow Charger

- ① CEC-3103MR / CEC-3103 CE-11-1 / CEC-3103 CE-14-1 / CEC-3103 CE-22-1
- ② CEC-3103 CE-11-2 / CEC-3103 CE-14-2 / CEC-3103 CE-22-2

Wall-Mount C TYPE
(Non Public)

- AC 7kW / 11kW / 14kW / 22kW wall-mounted slow charger
- Minimalistic, simple design
- Can be installed in apartments, public facilities, parking lots, etc.



Connector

- ① SAE J1772
- ② IEC 62196-2 TYPE



Input

Single phase 220Vac, 60Hz, 32A,
7kW / 11kW / 14kW / 22kW



Output

Single phase 220Vac, 60Hz, 32A,
7kW / 11kW / 14kW / 22kW × 1ch



Operation screen

Touch Key / Status LED



User Authentication

RF Card



Dimension/Weight

314(W) × 128(D) × 535(H)mm



IP Rating

IP 44



Operating temp./Humidity

Temperature : -25°C ~ 40°C
Humidity : 20% ~ 93%



Certification

KC

For Domestic



7kW Slow Charger

CEC-2303HR

Wall-Mount C TYPE

- AC 7kW wall-mounted slow charger
- Minimalistic, simple design
- It can be installed in apartments, public facilities, parking lots, etc.
- OCA Certification (Certified only for CEC-2303 HR products)
- *Public charger is available for use by the general public(with payment system)



Connector

SAE J1772



Input

Single phase 220Vac, 60Hz,
Max 32A, 7kW



Output

Single-phase 220Vac, 60Hz,
Max 32A, 7kW x 1 ch



Operation screen

4.3 - inch LCD Touch Screen



User Authentication

RF Card



Efficiency

CEC-2303HR : N/A



Dimension/Weight

CEC-2303HR1 : 5.9kg
230(W) × 120.5(D) × 330(H)mm



IP Rating

IP 44



Operating temp./Humidity

Temperature : -25°C ~ 40°C
Humidity : 20% ~ 93%



Certification

KC

For Domestic

7kW Slow Charger

CEC-2304 HR/HC

Wall-Mount BC TYPE

- AC 7kW wall-mounted slow charger
- Minimalistic, simple design
- Equipped with Socket-Outlet for charging connection
- Socket-Outlet, charging cable connector optional available
- Can be installed in apartments, public facilities, parking lots, etc.
- Credit card accepted (optional)



Connector

SAE J1772



Input

Single phase 220Vac, 60Hz, 32A, 7kW



Output

Single phase 220Vac, 60Hz,
32A, 7kW × 1ch



Operation screen

4.3 - inch LCD Touch Screen



User Authentication

RF Card (HR) or Credit Card (HC)



Dimension/Weight

230(W) × 121.5(D) × 330(H)mm



IP Rating

IP 44



Operating temp./Humidity

Temperature : -25°C ~ 40°C
Humidity : 20% ~ 93%



Certification

KC

For Domestic



7kW Slow Charger

CEC-3104 HR/HC

Wall-Mount BC TYPE

- AC 7kW wall-mounted slow charger
- Charging Connection Socket-Outlet Side placement through front placement Contrast User Convenience Improvement
- Socket-Outlet, charging cable A choice of connectors is available
- Can be installed in apartments, public facilities, parking lots, etc.
- Credit card accepted (optional)



Connector

SAE J1772



Input

Single phase 220Vac, 60Hz, 32A, 7kW



Output

Single phase 220Vac, 60Hz,
32A, 7kW × 1ch



Operation screen

7 - inch LCD Touch Screen



User Authentication

RF Card (HR) or Credit Card (HC)



Dimension/Weight

310(W) × 133(D) × 535(H)mm



IP Rating

IP 44



Operating temp./Humidity

Temperature : -25°C ~ 40°C
Humidity : 20% ~ 93%



Certification

KC

COSTEL

For Domestic

3.5kW Slow Charger

CEC-0101

Portable Charger

- Minimalistic, simple design
- Status LED applied



Connector

SAE J1772



Input

Single phase 220Vac, 60Hz,
16A, 3.5kW



Output

Single phase 220Vac, 60Hz,
16A, 3.5kW



Operation screen

Touch Key / Status LED



Dimension/Weight

75(W) × 48(D) × 210(H)mm

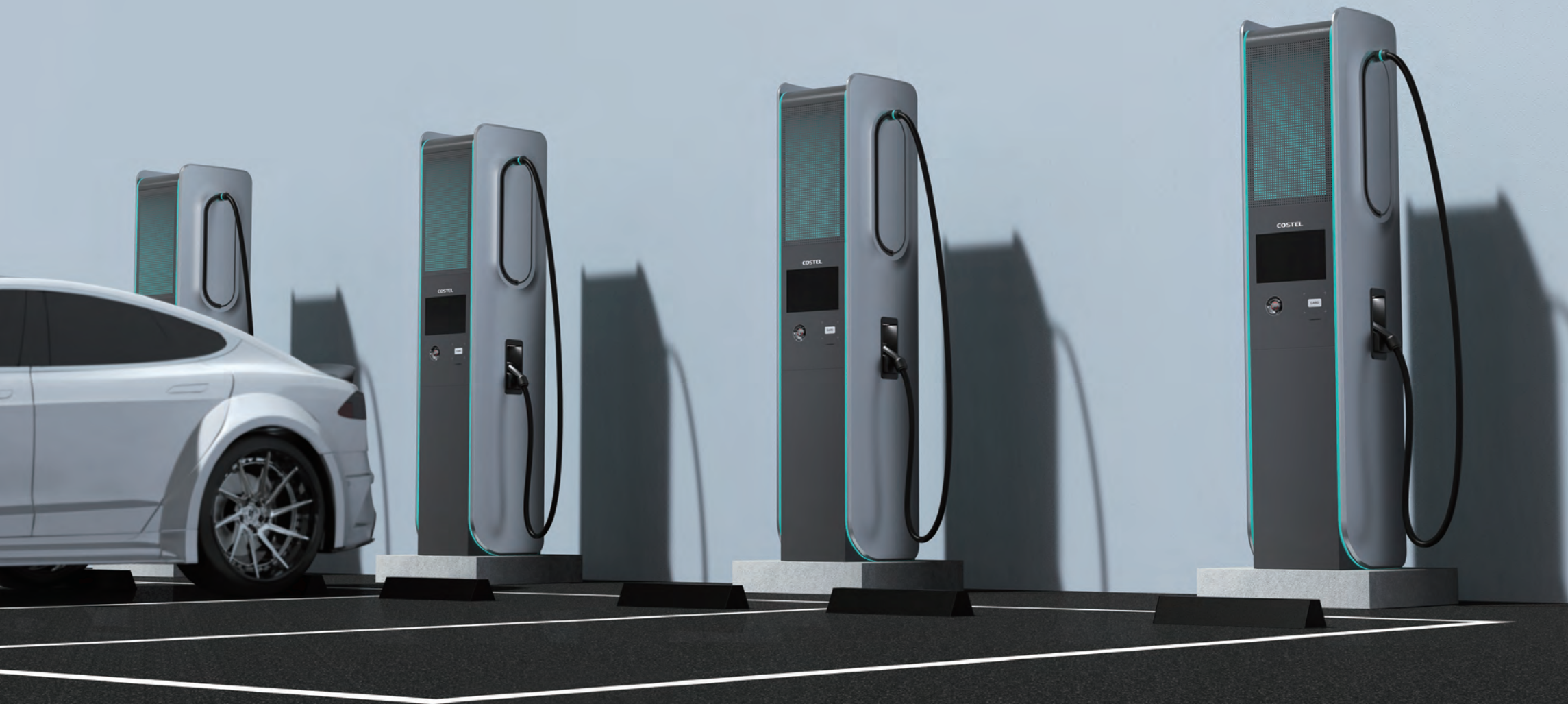


Certification

KC

COSTEL EV

New Standard for EV Chargers.



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