

# EV Infrastructure DC Fast Charging Station



CCS-2 DC



CHAdeMO DC



Type-2 AC



## Product Description



- High Power Charging 60-160kW
- 20kW Power modules upgradability
- 97% efficiency and CE certification
- Multi-standard CCS & CHAdeMO & AC Type-2
- RFID, credit card and Mobile APP
- OCPP 1.6J
- Ethernet, 4G
- 7" color screen
- Charging wire take-up
- multi-language



APP remote operation



OCPP 1.6 and 2.0 upgradable



Protection Level: IP55



Over current protection



Over temperature protection



Current leak protection



Over voltage protection



Short circuit protection



Voltage fluctuation protection



Lightning protection

# Technical Parameters

| Property              | Model                           | CEVDC60KW                                                                                                                                                                                                                          | CEVDC80KW                        | CEVDC120KW                        | CEVDC160KW                        |
|-----------------------|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|-----------------------------------|-----------------------------------|
| Output electrical     | DC output single charging       | CCS: 60kW max, CHAdeMO: 60kW max                                                                                                                                                                                                   | CCS: 60kW max, CHAdeMO: 60kW max | CCS: 120kW max, CHAdeMO: 60kW max | CCS: 120kW max, CHAdeMO: 60kW max |
|                       | DC output simultaneous charging | CCS: 40kW max, CHAdeMO: 40kW max                                                                                                                                                                                                   | CCS: 40kW max, CHAdeMO: 40kW max | CCS: 60kW max, CHAdeMO: 60kW max  | CCS: 80kW max, CHAdeMO: 80kW max  |
|                       | DC output voltage range         | CCS: 200 – 1000VDC, CHAdeMO: 200 – 500VDC                                                                                                                                                                                          |                                  |                                   |                                   |
|                       | DC Output current range         | CCS: 0 – 200A, CHAdeMO: 0 – 125A                                                                                                                                                                                                   |                                  |                                   |                                   |
|                       | AC output power                 | 22kW max                                                                                                                                                                                                                           |                                  |                                   |                                   |
| Input electrical      | AC output current               | 3-phase 32A max                                                                                                                                                                                                                    |                                  |                                   |                                   |
|                       | Input voltage                   | 400Vac +/-10%, 50/60Hz, 3-phase + N + PE                                                                                                                                                                                           |                                  |                                   |                                   |
|                       | Input current                   | 0 - 250A                                                                                                                                                                                                                           |                                  |                                   |                                   |
|                       | Power factor                    | 0.99 at nominal output                                                                                                                                                                                                             |                                  |                                   |                                   |
|                       | Efficiency                      | 94% at nominal output                                                                                                                                                                                                              |                                  |                                   |                                   |
| structure             | Net weight                      | 370kg                                                                                                                                                                                                                              |                                  |                                   |                                   |
|                       | Dimension (H x W x D)           | 1880 x 580 x 750mm                                                                                                                                                                                                                 |                                  |                                   |                                   |
|                       | Application Scenarios           | Outdoor floor-mounted                                                                                                                                                                                                              |                                  |                                   |                                   |
|                       | Cabinet Materials               | metal body                                                                                                                                                                                                                         |                                  |                                   |                                   |
|                       | Alignment                       | downlink                                                                                                                                                                                                                           |                                  |                                   |                                   |
| environment           | Charging groups                 | Double-gun round charge (CCS2)                                                                                                                                                                                                     |                                  |                                   |                                   |
|                       | Cable Length                    | 5m                                                                                                                                                                                                                                 |                                  |                                   |                                   |
|                       | Working temperature             | -30°C ~ +55°C                                                                                                                                                                                                                      |                                  |                                   |                                   |
|                       | Working humidity                | 5%~95% non-condensable                                                                                                                                                                                                             |                                  |                                   |                                   |
|                       | Height above sea level          | 2000m                                                                                                                                                                                                                              |                                  |                                   |                                   |
| function safety       | Protection class                | IP55                                                                                                                                                                                                                               |                                  |                                   |                                   |
|                       | cooling method                  | air cooling                                                                                                                                                                                                                        |                                  |                                   |                                   |
|                       | noise control                   | Less than 65 db                                                                                                                                                                                                                    |                                  |                                   |                                   |
|                       | MTBF                            | 17,520 hours                                                                                                                                                                                                                       |                                  |                                   |                                   |
|                       | Charging mode                   | Auto charge, charge by amount, charge by power, charge by set time                                                                                                                                                                 |                                  |                                   |                                   |
|                       | communications interface        | CAN, 485, 4G or Ethernet                                                                                                                                                                                                           |                                  |                                   |                                   |
|                       | user interface                  | LCD display touch screen                                                                                                                                                                                                           |                                  |                                   |                                   |
|                       | display screen                  | 7" UV screen                                                                                                                                                                                                                       |                                  |                                   |                                   |
|                       | mobile payment                  | support                                                                                                                                                                                                                            |                                  |                                   |                                   |
|                       | Payment by credit card          | support                                                                                                                                                                                                                            |                                  |                                   |                                   |
|                       | APP control                     | support                                                                                                                                                                                                                            |                                  |                                   |                                   |
|                       | LED indicator                   | support                                                                                                                                                                                                                            |                                  |                                   |                                   |
|                       | Emergency stop button           | support                                                                                                                                                                                                                            |                                  |                                   |                                   |
|                       | remote upgrade                  | support                                                                                                                                                                                                                            |                                  |                                   |                                   |
|                       | Backstage monitoring            | OCPP1.6 JSON support                                                                                                                                                                                                               |                                  |                                   |                                   |
|                       | Protective design               | Overvoltage protection, under-voltage protection, overload protection, short-circuit protection, leakage protection, grounding protection, high temperature protection, low temperature protection, lightning protection safeguard |                                  |                                   |                                   |
| Based on the criteria |                                 | IEC 62196, IEC 61851, ISO/IEC 15118, DIN SPEC 70121-2014,                                                                                                                                                                          |                                  |                                   |                                   |

\* Product outlook for ref only, actual appearance prevails. Specifications are subject to change without notice.



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