



# NEXUS DC STATION

## Key Features

- NEXUS DC Charging stations are available in high powered units from 120KW up to 400KW
- Flexible configuration of 60-320kW power can be achieved by simply configuring the number of power modules. Also having multiple flexible and configurable networking methods.
- A comprehensive protection mechanism includes active safety protection functions to ensure personal safety. The charging module is designed with full glue filling, and the charging cabinet is designed with high protection to ensure the long-term reliability of the equipment.



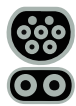
Parking



Commercial



Residential



CCS2



GB/T

|                          | Rated Power             | 120KW                                                                                                      | 160KW                                                                                                      | 180KW                                                                                                      |
|--------------------------|-------------------------|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|
| DC                       | Output Voltage          | DC200-1000V                                                                                                | DC200-1000V                                                                                                | DC200-1000V                                                                                                |
|                          | Output Current          | CCS2:Max250A                                                                                               | CCS2:Max250A                                                                                               | CCS2:Max250A                                                                                               |
|                          |                         | GBT: Max250A                                                                                               | GBT: Max250A                                                                                               | GBT: Max250A                                                                                               |
|                          | Connector Types         | CCS2/GBT                                                                                                   | CCS2/GBT                                                                                                   | CCS2/GBT                                                                                                   |
|                          | Cable Length            | Car:4.5m<br>Bus:6m (Optional Length)                                                                       | Car:4.5m<br>Bus:6m (Optional Length)                                                                       | Car:4.5m<br>Bus:6m (Optional Length)                                                                       |
| AC                       | Efficiency              | >95%(Load Rate>50%)                                                                                        | >95%(Load Rate>50%)                                                                                        | >95%(Load Rate>50%)                                                                                        |
|                          | Input Voltage           | AC400V±10%3P+N+PE                                                                                          | AC400V±10%3P+N+PE                                                                                          | AC400V±10%3P+N+PE                                                                                          |
|                          | Frequency               | 45-65Hz                                                                                                    | 45-65Hz                                                                                                    | 45-65Hz                                                                                                    |
|                          | Power Factor            | ≥0.99(Load Rate≥50%)                                                                                       | ≥0.99(Load Rate≥50%)                                                                                       | ≥0.99(Load Rate≥50%)                                                                                       |
| Environmental Condition  | THDi                    | ≤5%(Load Rate≥50%)                                                                                         | ≤5%(Load Rate≥50%)                                                                                         | ≤5%(Load Rate≥50%)                                                                                         |
|                          | Humidity                | 5%~95%(No Condensing)                                                                                      | 5%~95%(No Condensing)                                                                                      | 5%~95%(No Condensing)                                                                                      |
|                          | Altitude                | <2000m                                                                                                     | <2000m                                                                                                     | <2000m                                                                                                     |
|                          | Operation Temperature   | -40°C-65°C(Below-30°C and above 55°C derating operation)                                                   | -40°C-65°C(Below-30°C and above 55°C derating operation)                                                   | -40°C-65°C(Below-30°C and above 55°C derating operation)                                                   |
| Mechanical Specification | Protection Level        | IP55                                                                                                       | IP55                                                                                                       | IP55                                                                                                       |
|                          | Writing Method          | Bottom Incoming                                                                                            | Bottom Incoming                                                                                            | Bottom Incoming                                                                                            |
|                          | Approx. Weight          | About 298Kg (no modules)                                                                                   | About 298Kg (no modules)                                                                                   | About 298Kg (no modules)                                                                                   |
| General Specification    | User Interface          | LED+ 7" LCD Screen                                                                                         | LED+ 7" LCD Screen                                                                                         | LED+ 7" LCD Screen                                                                                         |
|                          | Start Mode              | APP / RFID (Optional)                                                                                      | APP / RFID (Optional)                                                                                      | APP / RFID (Optional)                                                                                      |
|                          | Communication Interface | Ethernet/4G(Optional) /WIFI (Optional)                                                                     | Ethernet/4G(Optional) /WIFI (Optional)                                                                     | Ethernet/4G(Optional) /WIFI (Optional)                                                                     |
|                          | Communication Protocol  | OCPP1.6J (2.0 Optional)                                                                                    | OCPP1.6J (2.0 Optional)                                                                                    | OCPP1.6J (2.0 Optional)                                                                                    |
|                          | Charging Standard       | EN IEC 61851-1                                                                                             | EN IEC 61851-1                                                                                             | EN IEC 61851-1                                                                                             |
|                          |                         | EN IEC 61851-23                                                                                            | EN IEC 61851-23                                                                                            | EN IEC 61851-23                                                                                            |
|                          |                         | EN IEC 61851-21-2                                                                                          | EN IEC 61851-21-2                                                                                          | EN IEC 61851-21-2                                                                                          |
|                          | EMC Standard            | EMC Class A                                                                                                | EMC Class A                                                                                                | EMC Class A                                                                                                |
|                          | Protection              | Overcurrent Overvoltage, Undervoltage, ground fault Including DC leakage Protection, Surge Protection, etc | Overcurrent Overvoltage, Undervoltage, ground fault Including DC leakage Protection, Surge Protection, etc | Overcurrent Overvoltage, Undervoltage, ground fault Including DC leakage Protection, Surge Protection, etc |