

# 60-180 KW

## DC CCS2



### Features:

- IEC 62196-3 plug up to 180 KW
- IoT enabled & controllable through mobile app
- Stylish, ergonomic, and customizable design.
- Certified for Indoor & Outdoor applications.
- 100% unmanned
- Wired connectivity, Easy to Install, operate and service.
- Customer interface LCD Touch display that is user-friendly
- For indoor and outdoor applications, reliable IP55/IK10 ingress protection

### Applications:

- EV Charger Infrastructure
- Highway Fuel Outlets/Service Station
- Park garage/Back Office
- Mall, shopping complex, university
- Commercial fleet operators
- EV dealer workshop



| SL. No.                | Parameters          | Values                                                                                                                    |                      |                      |
|------------------------|---------------------|---------------------------------------------------------------------------------------------------------------------------|----------------------|----------------------|
| General Requirements   |                     |                                                                                                                           |                      |                      |
| 1.                     | EV Charger Type     | DC                                                                                                                        |                      |                      |
| 2.                     | Charger Capacity    | 60KW                                                                                                                      | 120KW                | 180KW                |
| 3.                     | Model No.           | NPS-60 K(D)200-CCS2                                                                                                       | NPS-120 K(D)200-CCS2 | NPS-180 K(D)200-CCS2 |
| 4.                     | Mounting            | Floor Mount                                                                                                               |                      |                      |
| Input Requirements     |                     |                                                                                                                           |                      |                      |
| 5.                     | AC Input Supply     | Three Phase 5 wire                                                                                                        |                      |                      |
| 6.                     | Input Voltage       | 400 VAC ±10%                                                                                                              |                      |                      |
| 7.                     | Input Frequency     | 50-60 Hz                                                                                                                  |                      |                      |
| Environmental          |                     |                                                                                                                           |                      |                      |
| 8.                     | Ambient Temperature | -25 to 70°C                                                                                                               |                      |                      |
| 9.                     | Storage Temperature | -35 to 75°C                                                                                                               |                      |                      |
| 10.                    | Ambient Humidity    | 5 to 95%                                                                                                                  |                      |                      |
| Output Power           |                     |                                                                                                                           |                      |                      |
| 11.                    | No. of Gun          | 2 Nos.-CCS 2                                                                                                              |                      |                      |
| 12.                    | Voltage Output      | 150-1000 VDC                                                                                                              |                      |                      |
| 13.                    | Current Output      | 35 to 200 Amps DC                                                                                                         |                      |                      |
| 14.                    | Power Factor        | ≥0.99(50% load above)                                                                                                     |                      |                      |
| User Interface and HMI |                     |                                                                                                                           |                      |                      |
| 15.                    | HMI and Touch       | 7 Inch Touch Display                                                                                                      |                      |                      |
| 16.                    | User Authentication | Mobile Application/QR Code/RFID Card                                                                                      |                      |                      |
| 17.                    | Metering Details    | Consumption Units (Kwh)                                                                                                   |                      |                      |
| Communication          |                     |                                                                                                                           |                      |                      |
| 18.                    | EVSE to CMS         | OCPP V1.6-Ethernet(Standard)/Optional2G,3G,4G                                                                             |                      |                      |
| 19.                    | EVSE to EV Vehicle  | PLC Based Communication                                                                                                   |                      |                      |
| Mechanical             |                     |                                                                                                                           |                      |                      |
| 20.                    | IP/IK Rating        | IP55/IK10                                                                                                                 |                      |                      |
| 21.                    | Cooling             | Air-Forced Cooling                                                                                                        |                      |                      |
| Protection and Safety  |                     |                                                                                                                           |                      |                      |
| 22.                    | Executive Standard  | CCS 2 IEC 62196-3                                                                                                         |                      |                      |
| 23.                    | Safety Parameter    | Over Current, Under Voltage, Residual Current, Surge Protection, Leakage Protection, Short Circuit, Over Temperature etc. |                      |                      |

#### Product Code

|                            |                                                            |
|----------------------------|------------------------------------------------------------|
| 20 KW-NPS-20K(D)67-CCS2    | 415V 3ph, Ethernet/GSM connected, cloud based, CCS2 Single |
| 30 KW-NPS-30K(D)80-CCS2    | 415V 3ph, Ethernet/GSM connected, cloud based, CCS2 Single |
| 40 KW-NPS-40K(D)133-CCS2   | 415V 3ph, Ethernet/GSM connected, cloud based, CCS2 Double |
| 60 KW-NPS-60K(D)200-CCS2   | 415V 3ph, Ethernet/GSM connected, cloud based, CCS2 Double |
| 120 KW-NPS-120K(D)250-CCS2 | 415V 3ph, Ethernet/GSM connected, cloud based, CCS2 Double |
| 180 KW-NPS-180K(D)250-CCS2 | 415V 3ph, Ethernet/GSM connected, cloud based, CCS2 Double |
| 240 KW-NPS-240K(D)250-CCS2 | 415V 3ph, Ethernet/GSM connected, cloud based, CCS2 Double |

**Neptune India Ltd.**

A 11 – Sector 59, Noida – 201301, INDIA  
 Tel: 0120 420 5900, 429 7900  
 Email: enquiry@neptuneindia.com



# 240–360 KW

## DC CCS2



### Features:

- IEC 62196-3 plug up to 360 KW
- IoT enabled & controllable through mobile app
- Stylish, ergonomic, and customizable design.
- Certified for Indoor & Outdoor applications.
- 100% unmanned
- Wired connectivity, Easy to Install, operate and service.
- Customer interface LCD Touch display that is user-friendly
- For indoor and outdoor applications, reliable IP55/IK10 ingress protection

### Applications:

- EV Charger Infrastructure
- Highway Fuel Outlets/Service Station
- Park garage/Back Office
- Mall, shopping complex, university
- Commercial fleet operators
- EV dealer workshop



| SL. No.                | Parameters          | Values                                                                                                                    |                       |                      |
|------------------------|---------------------|---------------------------------------------------------------------------------------------------------------------------|-----------------------|----------------------|
| General Requirements   |                     |                                                                                                                           |                       |                      |
| 1.                     | EV Charger Type     | DC                                                                                                                        |                       |                      |
| 2.                     | Charger Capacity    | 240KW                                                                                                                     | 300KW                 | 360KW                |
| 3.                     | Model No.           | NPS-240 K(D)250-CCS2                                                                                                      | NPS-3000 K(D)250-CCS2 | NPS-360 K(D)250-CCS2 |
| 4.                     | Mounting            | Floor Mount                                                                                                               |                       |                      |
| Input Requirements     |                     |                                                                                                                           |                       |                      |
| 5.                     | AC Input Supply     | Three Phase 5 wire                                                                                                        |                       |                      |
| 6.                     | Input Voltage       | 400 VAC ±10%                                                                                                              |                       |                      |
| 7.                     | Input Frequency     | 50-60 Hz                                                                                                                  |                       |                      |
| Environmental          |                     |                                                                                                                           |                       |                      |
| 8.                     | Ambient Temperature | -25 to 70°C                                                                                                               |                       |                      |
| 9.                     | Storage Temperature | -35 to 75°C                                                                                                               |                       |                      |
| 10.                    | Ambient Humidity    | 5 to 95%                                                                                                                  |                       |                      |
| Output Power           |                     |                                                                                                                           |                       |                      |
| 11.                    | No. of Gun          | 2 Nos.-CCS 2                                                                                                              |                       |                      |
| 12.                    | Voltage Output      | 150-1000 VDC                                                                                                              |                       |                      |
| 13.                    | Current Output      | 35 to 250 Amps DC                                                                                                         |                       |                      |
| 14.                    | Power Factor        | ≥0.99(50% load above)                                                                                                     |                       |                      |
| User Interface and HMI |                     |                                                                                                                           |                       |                      |
| 15.                    | HMI and Touch       | 7 Inch Touch Display                                                                                                      |                       |                      |
| 16.                    | User Authentication | Mobile Application/QR Code/RFID Card                                                                                      |                       |                      |
| 17.                    | Metering Details    | Consumption Units (Kwh)                                                                                                   |                       |                      |
| Communication          |                     |                                                                                                                           |                       |                      |
| 18.                    | EVSE to CMS         | OCPP V1.6-Ethernet(Standard)/Optional2G,3G,4G                                                                             |                       |                      |
| 19.                    | EVSE to EV Vehicle  | PLC Based Communication                                                                                                   |                       |                      |
| Mechanical             |                     |                                                                                                                           |                       |                      |
| 20.                    | IP/IK Rating        | IP55/IK10                                                                                                                 |                       |                      |
| 21.                    | Cooling             | Air-Forced Cooling                                                                                                        |                       |                      |
| Protection and Safety  |                     |                                                                                                                           |                       |                      |
| 22.                    | Executive Standard  | CCS 2 IEC 62196-3                                                                                                         |                       |                      |
| 23.                    | Safety Parameter    | Over Current, Under Voltage, Residual Current, Surge Protection, Leakage Protection, Short Circuit, Over Temperature etc. |                       |                      |

#### Product Code

|                             |                                                            |
|-----------------------------|------------------------------------------------------------|
| 60 KW-NPS-60K(D2)200-CCS2   | 415V 3ph, Ethernet/GSM connected, cloud based, CCS2 Double |
| 120 KW-NPS-120K(D2)200-CCS2 | 415V 3ph, Ethernet/GSM connected, cloud based, CCS2 Double |
| 180 KW-NPS-180K(D2)200-CCS2 | 415V 3ph, Ethernet/GSM connected, cloud based, CCS2 Double |
| 240 KW-NPS-240K(D2)250-CCS2 | 415V 3ph, Ethernet/GSM connected, cloud based, CCS2 Double |
| 300 KW-NPS-300K(D2)250-CCS2 | 415V 3ph, Ethernet/GSM connected, cloud based, CCS2 Double |
| 360 KW-NPS-360K(D2)250-CCS2 | 415V 3ph, Ethernet/GSM connected, cloud based, CCS2 Double |

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