

# Model: NKR-BDC(20/40KW)

Output Power: 20/40kw

Outlet: Single/Double outlet



## Product introduction

NKR-BDC(20/40KW) fast charger is developed mainly for public commercial use with its modern appearance design and user-friendly operation interface. The modular design and overall output power can be configured arbitrarily function can reduce the drive waiting time, enhance the utilization rate of the charger and also easy to operate and do maintenance.

- ◇ Charging standard developed from ISO15118/DIN70121
- ◇ OCPP1.6J.
- ◇ CE certificate.
- ◇ Make the load balance within a charging station.



## Standard Specification

|                       |                     |                                       |
|-----------------------|---------------------|---------------------------------------|
| Structure Description | Application scenes  | Parking lot/Public charging station   |
|                       | Housing material    | Metal case                            |
|                       | Dimension           | 640*570*317mm (L*W*T)                 |
|                       | Installation method | Floor-stand type                      |
|                       | Cable routing       | Bottom inlet wiring, up outlet wiring |
|                       | Weight              | 45-80kg                               |
|                       | Cable length        | 5m                                    |
| Electrical            | Charging outlets    | Single/double(CCS+CHAdEMO)            |
|                       | Input voltage       | 3-phase 260-530Vac                    |
|                       | Input frequency     | 50Hz/60Hz                             |
|                       | Rated power         | 20KW/40KW                             |
|                       | Measuring accuracy  | Level 0.5                             |
| Output voltage        | 150~1000 Vdc        |                                       |

|                       |  |   |
|-----------------------|--|---|
| Specification         | Output current   | 0 ~ 80A   |
|                       | Efficiency   | ≥95%  |
|                       | Power factor   | ≥0.99   |
| Function design       | User Interface   | Emergency stop button, LED indicator, card swiping, touch screen  |
|                       | Charging standards   | IEC 61851-1/IEC 61851-23/-24:2014/ISO15118-1-2013<br>ISO15118-2-2014/ISO 15118-3:2015/IEC 62196-1-2014<br>IEC 62196-3-2014/DIN 70121-2014 |
| Communication         | Network interface  | Ethernet(WIFI, 3g/4gLTE as optional)  |
|                       | Ocpp   | Ocpp 1.6J   |
| Environment condition | Application place  | Indoor/Outdoor  |
|                       | Working temperature  | -30 ° C ~ +70 ° C (Output degraded above 50° C )  |
|                       | Working humidity   | 5% ~ 95% without condensation   |
|                       | Altitude   | <2000m  |
|                       | Protection grade   | IP54/IK10   |
|                       | Cooling  | Forced-air cooling  |
|                       | MTBF   | 100,000 hours   |
|                       | Safety standard  | EN 61851-1-2001; EN 61851-21-2001; EN61851-22-2001  |
| Security design       | Over/under voltage protection, overload protection, current leakage protection, grounding protection, over temp protection, lightning surge protection |   |

### After-sale Service

- Two year warranty for all parts.  
If any parts break during the period, we will provide free replacement. Non-quality factor damage is not included.
- One to one technical engineer support for installation&operation and communication connection assistance between your app and our OCPP platform.
- Make your logo in the LCD screen and charger body as free more than 5sets.
- Customized Box color as free more than 5sets.

For more charger and videos, welcome to visit Facebook public homepage:

[PowerCore EV Charging Solutions](#)

Email: [domho@cncnchargepoint.com](mailto:domho@cncnchargepoint.com)

Website: [www.cncnchargepoint.com](http://www.cncnchargepoint.com)

Cell: +86 13917959442(whatsapp/wechat)

