



# Beny Floor-Mounted Split DC EV Charger Station

180kW -600kW



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**Datasheet**

# Product Overview

The EVB Split EV charger integrates a rectifier cabinet and charging terminal, offering efficient charging with capacities ranging from 180kW to 600kW. The charging terminal has a maximum power of 250kW. Equipped with 2 Guns and OCPP 1.6J compliance, it ensures seamless connectivity, while the user-friendly interface includes a 7-inch LCD screen and LED lights for enhanced usability. Rest assured that we have certifications such as CE, CB, RCM, and TUV, as well as comprehensive full protection features. Enjoy convenient app control and Ethernet/4G/WiFi connection, and charge your EV confidently and efficiently!



## Product Advantages

-  IP55 Rating
-  4G
-  Full Protection
-  OCPP 1.6J
-  7-inch Touch Screen
-  RFID
-  APP Control

# Model Selection

| DC EV Charging Station                                                             |  | BSDC180-250D1                                                                                                  |                                                                                                          | BSDC240-250D1 |                                                                                                          | BSDC240-250D2 |  |
|------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|---------------|----------------------------------------------------------------------------------------------------------|---------------|--|
|  |  |                                                                                                                |                                                                                                          |               |                                                                                                          |               |  |
| Structure Description                                                              |  |                                                                                                                |                                                                                                          |               |                                                                                                          |               |  |
| Shell Material                                                                     |  | Galvanized Sheet                                                                                               |                                                                                                          |               |                                                                                                          |               |  |
| Rectifier Cabinet Dimension                                                        |  | 1400*802*1965(L*W*H mm)                                                                                        |                                                                                                          |               |                                                                                                          |               |  |
| Charging Temminal Dimension                                                        |  | 765*365*1655(L*W*H mm)                                                                                         |                                                                                                          |               |                                                                                                          |               |  |
| Rectifier Cabinet Packing Dimension                                                |  | 1650*1050*2150(L*W*H mm)                                                                                       |                                                                                                          |               |                                                                                                          |               |  |
| Temminal Packing Dimension                                                         |  | 1050*590*1850(L*W*H mm)                                                                                        |                                                                                                          |               |                                                                                                          |               |  |
| Rectifier Cabinet Weight                                                           |  | ≤520kG                                                                                                         | ≤560kG                                                                                                   |               | ≤560kG                                                                                                   |               |  |
| Charging Temminal Weight                                                           |  | ≤110KG                                                                                                         |                                                                                                          |               |                                                                                                          |               |  |
| Installation Method                                                                |  | Floor-Stand Type                                                                                               |                                                                                                          |               |                                                                                                          |               |  |
| Cable Routing                                                                      |  | Bottom Inlet Wiring,Bottom Outlet Wiring                                                                       |                                                                                                          |               |                                                                                                          |               |  |
| Charging Outlets                                                                   |  | Double(CCS1+CCS1)<br>Double (CCS1+CHADEMO)<br>Double(CCS2+GBT)<br>Double(CHADEMO+CHADEMO)<br>Double(CCS2+CCS2) | Double (CCS2+CHADEMO)<br>Double(CHADEMO+GBT)<br>Double(CCS1+CCS2)<br>Double(CCS1+GBT)<br>Double(GBT+GBT) |               | Double (CCS1+NACS)<br>Double(CCS2+NACS)<br>Double(GBT+NACS)<br>Double(CHADEMO+NACS)<br>Double(NACS+NACS) |               |  |
| Connectivity Authorization                                                         |  | RFID, App                                                                                                      |                                                                                                          |               |                                                                                                          |               |  |
| Total length of gun cable                                                          |  | 5m                                                                                                             |                                                                                                          |               |                                                                                                          |               |  |
| Screen                                                                             |  | 7 Inch LCD Screen/LED Light                                                                                    |                                                                                                          |               |                                                                                                          |               |  |
| Electrical Specification                                                           |  |                                                                                                                |                                                                                                          |               |                                                                                                          |               |  |
| AC Input Voltage                                                                   |  | AC380V-415V, 3P+N+PE                                                                                           |                                                                                                          |               |                                                                                                          |               |  |
| Rated Input Current                                                                |  | 274A                                                                                                           | 365A                                                                                                     |               | 365A                                                                                                     |               |  |
| Input Frequency                                                                    |  | 50Hz/60Hz                                                                                                      |                                                                                                          |               |                                                                                                          |               |  |
| Consumption                                                                        |  | ≤30W                                                                                                           |                                                                                                          |               |                                                                                                          |               |  |
| Rated Power                                                                        |  | 180kW                                                                                                          | 240kW                                                                                                    |               | 240kW                                                                                                    |               |  |
| Output Voltage Range                                                               |  | CCS1/CCS2/GBT/NACS: 150Vdc –1000Vdc;CHADEMO: 150Vdc –500Vdc                                                    |                                                                                                          |               |                                                                                                          |               |  |

|                                      |                                                                                                                                                                                              |  |  |
|--------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| Output Current                       | CCS1/CCS2/GBT/NACS:0~250A;CHADEMO:0~150A                                                                                                                                                     |  |  |
| Efficiency                           | ≥95%                                                                                                                                                                                         |  |  |
| Power Factor                         | ≥0.99(load:100%)                                                                                                                                                                             |  |  |
| Functionate Design                   |                                                                                                                                                                                              |  |  |
| User Interface                       | Emergency Stop Button,LED Indicator,Card Swiping,Touch Screen                                                                                                                                |  |  |
| Charging Stands                      | EN IEC 61851-1: 2019, IEC 61851-1: 2017 EN 61851-23: 2014, IEC 61851-23: 2014, EN 61851-24: 2014, IEC 61851-24: 2014, EN IEC 61000-6-2: 2019, EN IEC 61000-6-4:2019, EN IEC 61851-21-2: 2021 |  |  |
| communication                        |                                                                                                                                                                                              |  |  |
| OCPP                                 | OCPP 1.6J                                                                                                                                                                                    |  |  |
| Network Interface                    | Ethernet/4G/WiFi                                                                                                                                                                             |  |  |
| RF Parameters                        |                                                                                                                                                                                              |  |  |
| LTE-FDD Operating Frequency          | B1/B2/B3/B4/B5/B7/B8/B12/B13/B18/B19/B20/B25/B26/B28                                                                                                                                         |  |  |
| LTE-TDD Operating Frequency          | B38/B39/B40/B41                                                                                                                                                                              |  |  |
| UMTS Operating Frequency             | B1/B2/B4/B5/B6/B8/B19                                                                                                                                                                        |  |  |
| MIFARE Operating Frequency           | 13.56MHz±7K                                                                                                                                                                                  |  |  |
| 2.4G WI-FI    Operating Frequency    | 2412MHz-2484MHz                                                                                                                                                                              |  |  |
| 2.4G WI-FI    Maximum Transmit Power | 20.5   dBm                                                                                                                                                                                   |  |  |
| WCDMA    Maximum Transmit Power      | 24 dBm +1/-3 dB                                                                                                                                                                              |  |  |
| LTE-FDD    Maximum Transmit Power    | 23 dBm±2 dB                                                                                                                                                                                  |  |  |
| LTE-TDD    Maximum Transmit Power    | 23 dBm±2 dB                                                                                                                                                                                  |  |  |
| MIFARE    Maximum Transmit Power     | 14.05dBuA/m                                                                                                                                                                                  |  |  |
| Environment Condition                |                                                                                                                                                                                              |  |  |
| Application Place                    | Indoor/Outdoor                                                                                                                                                                               |  |  |
| Working Altitude                     | <2000m                                                                                                                                                                                       |  |  |
| Storage Temperature                  | -30℃~-85℃                                                                                                                                                                                    |  |  |
| Working Temperature                  | -30℃~+50℃                                                                                                                                                                                    |  |  |
| Working Humidity                     | 5%~95%                                                                                                                                                                                       |  |  |
| Protection Level                     | IP55    IK10( Screen IK08 )                                                                                                                                                                  |  |  |
| Natural Cooling                      | Forced-air Cooling                                                                                                                                                                           |  |  |
| Security Design                      | Over/Under Voltage Protection, Overload Protection, Current Leakage Protection, Grounding Protection, Over Temp Protection, Lightning Surge Protection                                       |  |  |

# Model Selection

| DC EV Charging Station                                                             |                         | BSDC360-250D1                                               | BSDC360-250D2        | BSDC360-250D3 |
|------------------------------------------------------------------------------------|-------------------------|-------------------------------------------------------------|----------------------|---------------|
|  |                         |                                                             |                      |               |
| Structure Description                                                              |                         |                                                             |                      |               |
| Shell Material                                                                     |                         | Galvanized Sheet                                            |                      |               |
| Rectifier Cabinet Dimension                                                        |                         | 1400*802*1965(L*W*H mm)                                     |                      |               |
| Charging Temminal Dimension                                                        |                         | 765*365*1655(L*W*H mm)                                      |                      |               |
| Rectifier Cabinet Packing Dimension                                                |                         | 1650*1050*2150(L*W*H mm)                                    |                      |               |
| Temminal Packing Dimension                                                         |                         | 1050*590*1850(L*W*H mm)                                     |                      |               |
| Rectifier Cabinet Weight                                                           |                         | ≤640kG                                                      |                      |               |
| Charging Temminal Weight                                                           |                         | ≤110kG                                                      |                      |               |
| Installation Method                                                                |                         | Floor-Stand Type                                            |                      |               |
| Cable Routing                                                                      |                         | Bottom Inlet Wiring,Bottom Outlet Wiring                    |                      |               |
| Charging Outlets                                                                   | Double(CCS1+CCS1)       | Double (CCS2+CHADEMO)                                       | Double (CCS1+NACS)   |               |
|                                                                                    | Double (CCS1+CHADEMO)   | Double(CHADEMO+GBT)                                         | Double(CCS2+NACS)    |               |
|                                                                                    | Double(CCS2+GBT)        | Double(CCS1+CCS2)                                           | Double(GBT+NACS)     |               |
|                                                                                    | Double(CHADEMO+CHADEMO) | Double(CCS1+GBT)                                            | Double(CHADEMO+NACS) |               |
|                                                                                    | Double(CCS2+CCS2)       | Double(GBT+GBT)                                             | Double(NACS+NACS)    |               |
| Connectivity Authorization                                                         |                         | RFID, App                                                   |                      |               |
| Total length of gun cable                                                          |                         | 5m                                                          |                      |               |
| Screen                                                                             |                         | 7 Inch LCD Screen/LED Light                                 |                      |               |
| Electrical Specification                                                           |                         |                                                             |                      |               |
| AC Input Voltage                                                                   |                         | AC380V-415V, 3P+N+PE                                        |                      |               |
| Rated Input Current                                                                |                         | 547A                                                        |                      |               |
| Input Frequency                                                                    |                         | 50Hz/60Hz                                                   |                      |               |
| Consumption                                                                        |                         | ≤30W                                                        |                      |               |
| Rated Power                                                                        |                         | 360kW                                                       |                      |               |
| Output Voltage Range                                                               |                         | CCS1/CCS2/GBT/NACS: 150Vdc –1000Vdc;CHADEMO: 150Vdc –500Vdc |                      |               |

|                                |                        |                                                                                                                                                                                              |  |
|--------------------------------|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Output Current                 |                        | CCS1/CCS2/GBT/NACS:0~250A;CHADEMO:0~150A                                                                                                                                                     |  |
| Efficiency                     |                        | ≥95%                                                                                                                                                                                         |  |
| Power Factor                   |                        | ≥0.99(load:100%)                                                                                                                                                                             |  |
| Functionate Design             |                        |                                                                                                                                                                                              |  |
| User Interface                 |                        | Emergency Stop Button,LED Indicator,Card Swiping,Touch Screen                                                                                                                                |  |
| Charging Stands                |                        | EN IEC 61851-1: 2019, IEC 61851-1: 2017 EN 61851-23: 2014, IEC 61851-23: 2014, EN 61851-24: 2014, IEC 61851-24: 2014, EN IEC 61000-6-2: 2019, EN IEC 61000-6-4:2019, EN IEC 61851-21-2: 2021 |  |
| communication                  |                        |                                                                                                                                                                                              |  |
| OCPP                           |                        | OCPP 1.6J                                                                                                                                                                                    |  |
| Network Interface              |                        | Ethernet/4G/WiFi                                                                                                                                                                             |  |
| RF Parameters                  |                        |                                                                                                                                                                                              |  |
| LTE-FDD Operating Frequency    |                        | B1/B2/B3/B4/B5/B7/B8/B12/B13/B18/B19/B20/B25/B26/B28                                                                                                                                         |  |
| LTE-TDD Operating Frequency    |                        | B38/B39/B40/B41                                                                                                                                                                              |  |
| UMTS Operating Frequency       |                        | B1/B2/B4/B5/B6/B8/B19                                                                                                                                                                        |  |
| MIFARE Operating Frequency     |                        | 13.56MHz±7K                                                                                                                                                                                  |  |
| 2.4G WI-FI                     | Operating Frequency    | 2412MHz-2484MHz                                                                                                                                                                              |  |
| 2.4G WI-FI                     | Maximum Transmit Power | 20.5 dBm                                                                                                                                                                                     |  |
| WCDMA Maximum Transmit Power   |                        | 24 dBm +1/-3 dB                                                                                                                                                                              |  |
| LTE-FDD Maximum Transmit Power |                        | 23 dBm±2 dB                                                                                                                                                                                  |  |
| LTE-TDD Maximum Transmit Power |                        | 23 dBm±2 dB                                                                                                                                                                                  |  |
| MIFARE                         | Maximum Transmit Power | 14.05dBuA/m                                                                                                                                                                                  |  |
| Environment Condition          |                        |                                                                                                                                                                                              |  |
| Application Place              |                        | Indoor/Outdoor                                                                                                                                                                               |  |
| Working Altitude               |                        | <2000m                                                                                                                                                                                       |  |
| Storage Temperature            |                        | -30℃~-85℃                                                                                                                                                                                    |  |
| Working Temperature            |                        | -30℃~+50℃                                                                                                                                                                                    |  |
| Working Humidity               |                        | 5%~95%                                                                                                                                                                                       |  |
| Protection Level               |                        | IP55 IK10( Screen IK08 )                                                                                                                                                                     |  |
| Natural Cooling                |                        | Forced-air Cooling                                                                                                                                                                           |  |
| Security Design                |                        | Over/Under Voltage Protection, Overload Protection, Current Leakage Protection, Grounding Protection, Over Temp Protection, Lightning Surge Protection                                       |  |

# Model Selection

| DC EV Charging Station                                                             |                                                                                                                | BSDC480-250D1                                                                                            | BSDC480-250D2                                                                                            | BSDC480-250D3 |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|---------------|
|  |                                                                                                                |                                                                                                          |                                                                                                          |               |
| Structure Description                                                              |                                                                                                                |                                                                                                          |                                                                                                          |               |
| Shell Material                                                                     |                                                                                                                | Galvanized Sheet                                                                                         |                                                                                                          |               |
| Rectifier Cabinet Dimension                                                        |                                                                                                                | 1400*802*1965(L*W*H mm)                                                                                  |                                                                                                          |               |
| Charging Temminal Dimension                                                        |                                                                                                                | 765*365*1655(L*W*H mm)                                                                                   |                                                                                                          |               |
| Rectifier Cabinet Packing Dimension                                                |                                                                                                                | 1650*1050*2150(L*W*H mm)                                                                                 |                                                                                                          |               |
| Temminal Packing Dimension                                                         |                                                                                                                | 1050*590*1850(L*W*H mm)                                                                                  |                                                                                                          |               |
| Rectifier Cabinet Weight                                                           |                                                                                                                | ≤720kG                                                                                                   |                                                                                                          |               |
| Charging Temminal Weight                                                           |                                                                                                                | ≤110kG                                                                                                   |                                                                                                          |               |
| Installation Method                                                                |                                                                                                                | Floor-Stand Type                                                                                         |                                                                                                          |               |
| Cable Routing                                                                      |                                                                                                                | Bottom Inlet Wiring,Bottom Outlet Wiring                                                                 |                                                                                                          |               |
| Charging Outlets                                                                   | Double(CCS1+CCS1)<br>Double (CCS1+CHADEMO)<br>Double(CCS2+GBT)<br>Double(CHADEMO+CHADEMO)<br>Double(CCS2+CCS2) | Double (CCS2+CHADEMO)<br>Double(CHADEMO+GBT)<br>Double(CCS1+CCS2)<br>Double(CCS1+GBT)<br>Double(GBT+GBT) | Double (CCS1+NACS)<br>Double(CCS2+NACS)<br>Double(GBT+NACS)<br>Double(CHADEMO+NACS)<br>Double(NACS+NACS) |               |
| Connectivity Authorization                                                         |                                                                                                                | RFID, App                                                                                                |                                                                                                          |               |
| Total length of gun cable                                                          |                                                                                                                | 5m                                                                                                       |                                                                                                          |               |
| Screen                                                                             |                                                                                                                | 7 Inch LCD Screen/LED Light                                                                              |                                                                                                          |               |
| Electrical Specification                                                           |                                                                                                                |                                                                                                          |                                                                                                          |               |
| AC Input Voltage                                                                   |                                                                                                                | AC380V-415V, 3P+N+PE                                                                                     |                                                                                                          |               |
| Rated Input Current                                                                |                                                                                                                | 730A                                                                                                     |                                                                                                          |               |
| Input Frequency                                                                    |                                                                                                                | 50Hz/60Hz                                                                                                |                                                                                                          |               |
| Consumption                                                                        |                                                                                                                | ≤30W                                                                                                     |                                                                                                          |               |
| Rated Power                                                                        |                                                                                                                | 480kW                                                                                                    |                                                                                                          |               |
| Output Voltage Range                                                               |                                                                                                                | CCS1/CCS2/GBT/NACS: 150Vdc –1000Vdc;CHADEMO: 150Vdc –500Vdc                                              |                                                                                                          |               |

| Output Current                       | CCS1/CCS2/GBT/NACS:0~250A;CHADEMO:0~150A                                                                                                                                                     |
|--------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Efficiency                           | ≥95%                                                                                                                                                                                         |
| Power Factor                         | ≥0.99(load:100%)                                                                                                                                                                             |
| Functionate Design                   |                                                                                                                                                                                              |
| User Interface                       | Emergency Stop Button,LED Indicator,Card Swiping,Touch Screen                                                                                                                                |
| Charging Stands                      | EN IEC 61851-1: 2019, IEC 61851-1: 2017 EN 61851-23: 2014, IEC 61851-23: 2014, EN 61851-24: 2014, IEC 61851-24: 2014, EN IEC 61000-6-2: 2019, EN IEC 61000-6-4:2019, EN IEC 61851-21-2: 2021 |
| communication                        |                                                                                                                                                                                              |
| OCPP                                 | OCPP 1.6J                                                                                                                                                                                    |
| Network Interface                    | Ethernet/4G/WiFi                                                                                                                                                                             |
| RF Parameters                        |                                                                                                                                                                                              |
| LTE-FDD Operating Frequency          | B1/B2/B3/B4/B5/B7/B8/B12/B13/B18/B19/B20/B25/B26/B28                                                                                                                                         |
| LTE-TDD Operating Frequency          | B38/B39/B40/B41                                                                                                                                                                              |
| UMTS Operating Frequency             | B1/B2/B4/B5/B6/B8/B19                                                                                                                                                                        |
| MIFARE Operating Frequency           | 13.56MHz±7K                                                                                                                                                                                  |
| 2.4G WI-FI    Operating Frequency    | 2412MHz-2484MHz                                                                                                                                                                              |
| 2.4G WI-FI    Maximum Transmit Power | 20.5   dBm                                                                                                                                                                                   |
| WCDMA    Maximum Transmit Power      | 24 dBm +1/-3 dB                                                                                                                                                                              |
| LTE-FDD    Maximum Transmit Power    | 23 dBm±2 dB                                                                                                                                                                                  |
| LTE-TDD    Maximum Transmit Power    | 23 dBm±2 dB                                                                                                                                                                                  |
| MIFARE    Maximum Transmit Power     | 14.05dBuA/m                                                                                                                                                                                  |
| Environment Condition                |                                                                                                                                                                                              |
| Application Place                    | Indoor/Outdoor                                                                                                                                                                               |
| Working Altitude                     | <2000m                                                                                                                                                                                       |
| Storage Temperature                  | -30°C~+85°C                                                                                                                                                                                  |
| Working Temperature                  | -30°C~+50°C                                                                                                                                                                                  |
| Working Humidity                     | 5%~95%                                                                                                                                                                                       |
| Protection Level                     | IP55    IK10( Screen IK08 )                                                                                                                                                                  |
| Natural Cooling                      | Forced-air Cooling                                                                                                                                                                           |
| Security Design                      | Over/Under Voltage Protection, Overload Protection, Current Leakage Protection, Grounding Protection, Over Temp Protection, Lightning Surge Protection                                       |

# Model Selection

| DC EV Charging Station                                                             |                                                                                                                | BSDC480-250D4                                                                                            | BSDC600-250D1                                                                                            | BSDC600-250D2 |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|---------------|
|  |                                                                                                                |                                                                                                          |                                                                                                          |               |
| Structure Description                                                              |                                                                                                                |                                                                                                          |                                                                                                          |               |
| Shell Material                                                                     |                                                                                                                | Galvanized Sheet                                                                                         |                                                                                                          |               |
| Rectifier Cabinet Dimension                                                        |                                                                                                                | 1400*802*1965(L*W*H mm)                                                                                  |                                                                                                          |               |
| Charging Temminal Dimension                                                        |                                                                                                                | 765*365*1655(L*W*H mm)                                                                                   |                                                                                                          |               |
| Rectifier Cabinet Packing Dimension                                                |                                                                                                                | 1650*1050*2150(L*W*H mm)                                                                                 |                                                                                                          |               |
| Temminal Packing Dimension                                                         |                                                                                                                | 1050*590*1850(L*W*H mm)                                                                                  |                                                                                                          |               |
| Rectifier Cabinet Weight                                                           |                                                                                                                | ≤720kG                                                                                                   | ≤800kG                                                                                                   | ≤800kG        |
| Charging Temminal Weight                                                           |                                                                                                                | ≤110kG                                                                                                   |                                                                                                          |               |
| Installation Method                                                                |                                                                                                                | Floor-Stand Type                                                                                         |                                                                                                          |               |
| Cable Routing                                                                      |                                                                                                                | Bottom Inlet Wiring,Bottom Outlet Wiring                                                                 |                                                                                                          |               |
| Charging Outlets                                                                   | Double(CCS1+CCS1)<br>Double (CCS1+CHADEMO)<br>Double(CCS2+GBT)<br>Double(CHADEMO+CHADEMO)<br>Double(CCS2+CCS2) | Double (CCS2+CHADEMO)<br>Double(CHADEMO+GBT)<br>Double(CCS1+CCS2)<br>Double(CCS1+GBT)<br>Double(GBT+GBT) | Double (CCS1+NACS)<br>Double(CCS2+NACS)<br>Double(GBT+NACS)<br>Double(CHADEMO+NACS)<br>Double(NACS+NACS) |               |
| Connectivity Authorization                                                         |                                                                                                                | RFID, App                                                                                                |                                                                                                          |               |
| Total length of gun cable                                                          |                                                                                                                | 5m                                                                                                       |                                                                                                          |               |
| Screen                                                                             |                                                                                                                | 7 Inch LCD Screen/LED Light                                                                              |                                                                                                          |               |
| Electrical Specification                                                           |                                                                                                                |                                                                                                          |                                                                                                          |               |
| AC Input Voltage                                                                   |                                                                                                                | AC380V-415V, 3P+N+PE                                                                                     |                                                                                                          |               |
| Rated Input Current                                                                |                                                                                                                | 730A                                                                                                     | 912A                                                                                                     | 912A          |
| Input Frequency                                                                    |                                                                                                                | 50Hz/60Hz                                                                                                |                                                                                                          |               |
| Consumption                                                                        |                                                                                                                | ≤30W                                                                                                     |                                                                                                          |               |
| Rated Power                                                                        |                                                                                                                | 480kW                                                                                                    | 600kW                                                                                                    | 600kW         |
| Output Voltage Range                                                               |                                                                                                                | CCS1/CCS2/GBT/NACS: 150Vdc –1000Vdc;CHADEMO: 150Vdc –500Vdc                                              |                                                                                                          |               |

|                                      |                                                                                                                                                                                              |  |  |
|--------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| Output Current                       | CCS1/CCS2/GBT/NACS:0~250A;CHADEMO:0~150A                                                                                                                                                     |  |  |
| Efficiency                           | ≥95%                                                                                                                                                                                         |  |  |
| Power Factor                         | ≥0.99(load:100%)                                                                                                                                                                             |  |  |
| Functionate Design                   |                                                                                                                                                                                              |  |  |
| User Interface                       | Emergency Stop Button,LED Indicator,Card Swiping,Touch Screen                                                                                                                                |  |  |
| Charging Stands                      | EN IEC 61851-1: 2019, IEC 61851-1: 2017 EN 61851-23: 2014, IEC 61851-23: 2014, EN 61851-24: 2014, IEC 61851-24: 2014, EN IEC 61000-6-2: 2019, EN IEC 61000-6-4:2019, EN IEC 61851-21-2: 2021 |  |  |
| communication                        |                                                                                                                                                                                              |  |  |
| OCPP                                 | OCPP 1.6J                                                                                                                                                                                    |  |  |
| Network Interface                    | Ethernet/4G/WiFi                                                                                                                                                                             |  |  |
| RF Parameters                        |                                                                                                                                                                                              |  |  |
| LTE-FDD Operating Frequency          | B1/B2/B3/B4/B5/B7/B8/B12/B13/B18/B19/B20/B25/B26/B28                                                                                                                                         |  |  |
| LTE-TDD Operating Frequency          | B38/B39/B40/B41                                                                                                                                                                              |  |  |
| UMTS Operating Frequency             | B1/B2/B4/B5/B6/B8/B19                                                                                                                                                                        |  |  |
| MIFARE Operating Frequency           | 13.56MHz±7K                                                                                                                                                                                  |  |  |
| 2.4G WI-FI    Operating Frequency    | 2412MHz-2484MHz                                                                                                                                                                              |  |  |
| 2.4G WI-FI    Maximum Transmit Power | 20.5   dBm                                                                                                                                                                                   |  |  |
| WCDMA    Maximum Transmit Power      | 24 dBm +1/-3 dB                                                                                                                                                                              |  |  |
| LTE-FDD    Maximum Transmit Power    | 23 dBm±2 dB                                                                                                                                                                                  |  |  |
| LTE-TDD    Maximum Transmit Power    | 23 dBm±2 dB                                                                                                                                                                                  |  |  |
| MIFARE    Maximum Transmit Power     | 14.05dBuA/m                                                                                                                                                                                  |  |  |
| Environment Condition                |                                                                                                                                                                                              |  |  |
| Application Place                    | Indoor/Outdoor                                                                                                                                                                               |  |  |
| Working Altitude                     | <2000m                                                                                                                                                                                       |  |  |
| Storage Temperature                  | -30℃~-85℃                                                                                                                                                                                    |  |  |
| Working Temperature                  | -30℃~+50℃                                                                                                                                                                                    |  |  |
| Working Humidity                     | 5%~95%                                                                                                                                                                                       |  |  |
| Protection Level                     | IP55    IK10( Screen IK08 )                                                                                                                                                                  |  |  |
| Natural Cooling                      | Forced-air Cooling                                                                                                                                                                           |  |  |
| Security Design                      | Over/Under Voltage Protection, Overload Protection, Current Leakage Protection, Grounding Protection, Over Temp Protection, Lightning Surge Protection                                       |  |  |

# Model Selection

| DC EV Charging Station                                                             |                         | BSDC600-250D3                                               | BSDC600-250D4        | BSDC600-250D5 |
|------------------------------------------------------------------------------------|-------------------------|-------------------------------------------------------------|----------------------|---------------|
|  |                         |                                                             |                      |               |
| Structure Description                                                              |                         |                                                             |                      |               |
| Shell Material                                                                     |                         | Galvanized Sheet                                            |                      |               |
| Rectifier Cabinet Dimension                                                        |                         | 1400*802*1965(L*W*H mm)                                     |                      |               |
| Charging Temminal Dimension                                                        |                         | 765*365*1655(L*W*H mm)                                      |                      |               |
| Rectifier Cabinet Packing Dimension                                                |                         | 1650*1050*2150(L*W*H mm)                                    |                      |               |
| Temminal Packing Dimension                                                         |                         | 1050*590*1850(L*W*H mm)                                     |                      |               |
| Rectifier Cabinet Weight                                                           |                         | ≤800kG                                                      |                      |               |
| Charging Temminal Weight                                                           |                         | ≤110kG                                                      |                      |               |
| Installation Method                                                                |                         | Floor-Stand Type                                            |                      |               |
| Cable Routing                                                                      |                         | Bottom Inlet Wiring,Bottom Outlet Wiring                    |                      |               |
| Charging Outlets                                                                   | Double(CCS1+CCS1)       | Double (CCS2+CHADEMO)                                       | Double (CCS1+NACS)   |               |
|                                                                                    | Double (CCS1+CHADEMO)   | Double(CHADEMO+GBT)                                         | Double(CCS2+NACS)    |               |
|                                                                                    | Double(CCS2+GBT)        | Double(CCS1+CCS2)                                           | Double(GBT+NACS)     |               |
|                                                                                    | Double(CHADEMO+CHADEMO) | Double(CCS1+GBT)                                            | Double(CHADEMO+NACS) |               |
|                                                                                    | Double(CCS2+CCS2)       | Double(GBT+GBT)                                             | Double(NACS+NACS)    |               |
| Connectivity Authorization                                                         |                         | RFID, App                                                   |                      |               |
| Total length of gun cable                                                          |                         | 5m                                                          |                      |               |
| Screen                                                                             |                         | 7 Inch LCD Screen/LED Light                                 |                      |               |
| Electrical Specification                                                           |                         |                                                             |                      |               |
| AC Input Voltage                                                                   |                         | AC380V-415V, 3P+N+PE                                        |                      |               |
| Rated Input Current                                                                |                         | 912A                                                        |                      |               |
| Input Frequency                                                                    |                         | 50Hz/60Hz                                                   |                      |               |
| Consumption                                                                        |                         | ≤30W                                                        |                      |               |
| Rated Power                                                                        |                         | 600kW                                                       |                      |               |
| Output Voltage Range                                                               |                         | CCS1/CCS2/GBT/NACS: 150Vdc –1000Vdc;CHADEMO: 150Vdc –500Vdc |                      |               |

|                                      |                                                                                                                                                                                              |
|--------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Output Current                       | CCS1/CCS2/GBT/NACS:0~250A;CHADEMO:0~150A                                                                                                                                                     |
| Efficiency                           | ≥95%                                                                                                                                                                                         |
| Power Factor                         | ≥0.99(load:100%)                                                                                                                                                                             |
| Functionate Design                   |                                                                                                                                                                                              |
| User Interface                       | Emergency Stop Button,LED Indicator,Card Swiping,Touch Screen                                                                                                                                |
| Charging Stands                      | EN IEC 61851-1: 2019, IEC 61851-1: 2017 EN 61851-23: 2014, IEC 61851-23: 2014, EN 61851-24: 2014, IEC 61851-24: 2014, EN IEC 61000-6-2: 2019, EN IEC 61000-6-4:2019, EN IEC 61851-21-2: 2021 |
| communication                        |                                                                                                                                                                                              |
| OCPP                                 | OCPP 1.6J                                                                                                                                                                                    |
| Network Interface                    | Ethernet/4G/WiFi                                                                                                                                                                             |
| RF Parameters                        |                                                                                                                                                                                              |
| LTE-FDD Operating Frequency          | B1/B2/B3/B4/B5/B7/B8/B12/B13/B18/B19/B20/B25/B26/B28                                                                                                                                         |
| LTE-TDD Operating Frequency          | B38/B39/B40/B41                                                                                                                                                                              |
| UMTS Operating Frequency             | B1/B2/B4/B5/B6/B8/B19                                                                                                                                                                        |
| MIFARE Operating Frequency           | 13.56MHz±7K                                                                                                                                                                                  |
| 2.4G WI-FI    Operating Frequency    | 2412MHz-2484MHz                                                                                                                                                                              |
| 2.4G WI-FI    Maximum Transmit Power | 20.5    dBm                                                                                                                                                                                  |
| WCDMA    Maximum Transmit Power      | 24 dBm +1/-3 dB                                                                                                                                                                              |
| LTE-FDD    Maximum Transmit Power    | 23 dBm±2 dB                                                                                                                                                                                  |
| LTE-TDD    Maximum Transmit Power    | 23 dBm±2 dB                                                                                                                                                                                  |
| MIFARE    Maximum Transmit Power     | 14.05dBuA/m                                                                                                                                                                                  |
| Environment Condition                |                                                                                                                                                                                              |
| Application Place                    | Indoor/Outdoor                                                                                                                                                                               |
| Working Altitude                     | <2000m                                                                                                                                                                                       |
| Storage Temperature                  | -30℃~+85℃                                                                                                                                                                                    |
| Working Temperature                  | -30℃~+50℃                                                                                                                                                                                    |
| Working Humidity                     | 5%~95%                                                                                                                                                                                       |
| Protection Level                     | IP55    IK10( Screen IK08 )                                                                                                                                                                  |
| Natural Cooling                      | Forced-air Cooling                                                                                                                                                                           |
| Security Design                      | Over/Under Voltage Protection, Overload Protection, Current Leakage Protection, Grounding Protection, Over Temp Protection, Lightening Surge Protection                                      |