# Beny 2 Guns DC EV Small Charging Station

## 60kW-120kW


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**Datasheet**

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# Product Overview

The Beny DC EV Charging Station boasts a remarkable 7-inch touch screen for effortless control. It comes with a range of certifications including CE, CB, RCM,and RoHS, and offers robust full protection features. With convenient app control and Ethernet/4G/WiFi connectivity, you can charge your EV with confidence and efficiency.


## Product Advantages

- IP55 Rating
- Ethernet/4G/WiFi
- Full Protection
- 7-inch Touch Screen
- RFID
- APP Control

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# Model Selection

| DC EV Charging Station | BMDC60-D | BMDC90-D | BMDC120-D |
|---|---|---|---|
| |  |  |  |
| **Structure Description** | | | |
| Shell Material | Galvanized Sheet | | |
| Dimension | 700*520*1800(L*W*H mm) | | |
| Packing Dimension | 1050*820*2015(L*W*H mm) | | |
| Weight | ⩽320kG | ⩽340kG | ⩽360kG |
| Installation Method | Floor-stand Type | | |
| Cable Routing | Bottom Inlet Wiring,Up 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 | | |
| Screen | 7 Inch LCD Screen/LED Light | | |
| **Electrical Specification** | | | |
| AC Input Voltage | AC380V-415V,3P+N+PE | | |
| Rated Input Current | 102A | 152A | 203A |
| Input Frequency | 50Hz/60Hz | | |
| Consumption | ⩽24W | | |
| Rated Power | 60kW | 90kW | 120kW |
| Output Voltage Range | CCS1/CCS2/GBT: 150Vdc –1000Vdc;CHADEMO: 150Vdc –500Vdc | | |
| Output Current | CCS1/CCS2:0~200A;<br>GBT/NACS:0~200A;<br>CHADEMO:0~125A | CCS1/CCS2:0~250A;<br>GBT/NACS:0~250A;<br>CHADEMO:0~125A | CCS1/CCS2:0~250A;<br>GBT/NACS:0~250A;<br>CHADEMO:0~125A |
| 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, Lightening Surge Protection |

# Model Selection

| DC EV Charging Station | BMDC120-D-350 | | |
|---|---|---|---|
| |  | | |
| **Structure Description** | | | |
| Shell Material | Galvanized Sheet | | |
| Dimension | 700*520*1800(L*W*H mm) | | |
| Packing Dimension | 1050*820*2015(L*W*H mm) | | |
| Weight | ≤360kG | | |
| Installation Method | Floor-stand Type | | |
| Cable Routing | Bottom Inlet Wiring,Up Outlet Wiring | | |
| Total length of gun cable | 5 m | | |
| Charging Outlets | Double(CCS1+CCS1)<br>Double(CCS2+GBT)<br>Double(CCS2+CCS2) | Double(CCS1+CCS2)<br>Double(CCS1+GBT)<br>Double(GBT+GBT) | Double (CCS1+NACS)<br>Double(CCS2+NACS)<br>Double(GBT+NACS)<br>Double(NACS+NACS) |
| Connectivity Authorization | RFID, App | | |
| Screen | 7 Inch LCD Screen/LED Light | | |
| **Electrical Specification** | | | |
| AC Input Voltage | AC380V-415V,3P+N+PE | | |
| Rated Input Current | 203A | | |
| Input Frequency | 50Hz/60Hz | | |
| Consumption | ≤24W | | |
| Rated Power | 120kW | | |
| Output Voltage Range | CCS1/CCS2/GBT/NACS: 150Vdc –1000Vdc | | |
| Output Current | CCS1/CCS2/GBT/NACS:0~350A | | |
| Efficiency | ≥95% | | |
| Power Factor | ≥0.99(load:100%) | | |



| **Functionate Design** | |
|---|---|
| User Interface | Emergency Stop Button,LED Indicator,Card Swiping,Touch Screen |
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| OCPP | OCPP 1.6J |
| Network Interface | Ethernet/4G/WiFi |
| **RF Parameters** | |
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| **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, Lightening Surge Protection |