



# Beny 2 Guns DC EV Charging Station (UL)

## 60kW -240kW



**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 UL 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

# Model Selection

DC EV Charging Station	BDC60-D-UL	BDC90-D-UL	BDC120-D-UL
			
<b>Structure Description</b>			
Shell Material	Galvanized Sheet		
Dimension	800*800*1800(L*W*H mm)		
Packing Dimension	1050*1000*1900(L*W*H mm)		
Weight	≤340kG	≤360kG	≤380kG
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)	Double(CCS1+NACS)	Double(NACS+NACS)
Connectivity Authorization	RFID, App		
Screen	7 Inch LCD Screen/LED Light		
<b>Electrical Specification</b>			
Power System	IT TT TN-C-S		
Rated Input Current	80A	120A	160A
AC Input Voltage	AC480V±10% ,3-phase		
Input Frequency	50Hz/60Hz		
Wiring Method	L1 L2 L3 PE		
Consumption	≤24W		
Rated Power	60kW	90kW	120kW
Output Voltage Range	CCS1/NACS: 150Vdc –1000Vdc		
Output Current	CCS1/NACS:0~200A	CCS1/NACS:0~250A	CCS1/NACS:0~250A
Efficiency	≥95%		
Power Factor	≥0.99(load:100%)		

<b>Functionate Design</b>	
User Interface	Emergency Stop Button,LED Indicator,Card Swiping,Touch Screen
Charging Stands	UL2202,C22.2 No.107.1,UL2231-1/-2,FCC Part 15,Energy Star,NEC 625
<b>Communication</b>	
OCPP	OCPP 1.6J
Network Interface	Ethernet/4G/WiFi
<b>RF Parameters</b>	
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
<b>Environment Condition</b>	
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	TYPE 3R
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	BDC150-D-UL	BDC180-D-UL	BDC210-D-UL
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Structure Description	
Shell Material	Galvanized Sheet
Dimension	800*800*1800(L*W*H mm)
Packing Dimension	1050*1000*1900(L*W*H mm)
Weight	≤400kG      ≤420kG      ≤440kG
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)    Double(CCS1+NACS)    Double(NACS+NACS)
Connectivity Authorization	RFID, App
Screen	7 Inch LCD Screen/LED Light
Electrical Specification	
Power System	IT TT TN-C-S
Rated Input Current	200A      241A      281A
AC Input Voltage	AC480V±10% ,3-phase
Input Frequency	50Hz/60Hz
Wiring Method	L1 L2 L3 PE
Consumption	≤24W
Rated Power	150kW      180kW      210kW
Output Voltage Range	CCS1/NACS: 150Vdc -1000Vdc
Output Current	CCS1/NACS:0~250A
Efficiency	≥95%
Power Factor	≥0.99(load:100%)

Functionate Design	
User Interface	Emergency Stop Button, LED Indicator, Card Swiping, Touch Screen
Charging Stands	UL2202, C22.2 No.107.1, UL2231-1/-2, FCC Part 15, Energy Star, NEC 625
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
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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	TYPE 3R
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

BDC240-D-UL



## Structure Description

Shell Material	Galvanized Sheet
Dimension	800*800*1800(L*W*H mm)
Packing Dimension	1050*1000*1900(L*W*H mm)
Weight	≤460kg
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) Double(CCS1+NACS) Double(NACS+NACS)
Connectivity Authorization	RFID, App
Screen	7 Inch LCD Screen/LED Light
<b>Electrical Specification</b>	
Power System	IT TT TN-C-S
Rated Input Current	321A
AC Input Voltage	AC480V±10% ,3-phase
Input Frequency	50Hz/60Hz
Wiring Method	L1 L2 L3 PE
Consumption	≤24W
Rated Power	240kW
Output Voltage Range	CCS1/NACS: 150Vdc -1000Vdc
Output Current	CCS1/NACS:0~250A
Efficiency	≥95%
Power Factor	≥0.99(load:100%)

## Functionate Design

User Interface	Emergency Stop Button, LED Indicator, Card Swiping, Touch Screen
Charging Stands	UL2202, C22.2 No.107.1, UL2231-1/-2, FCC Part 15, Energy Star, NEC 625

## 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
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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	TYPE 3R
Natural Cooling	Forced-air Cooling
Security Design	Over/Under Voltage Protection, Overload Protection, Current Leakage Protection, Grounding Protection, Over Temp Protection, Lightning Surge Protection