



Beny 2 Guns DC EV Charging Station

60kW -240kW



Datasheet

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⚠️ If the models and specifications in this product catalogue change due to product updates, we will not provide prior notification.



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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, UKCA, TUV, and RoHS, and offers robust full protection features. With convenient app control and Ethernet/4G connectivity, you can charge your EV with confidence and efficiency.



Product Advantages



IP55 Rating



Ethernet/4G/Wi-Fi



Full Protection



7-inch
Touch Screen



OCPP 1.6J




RFID



APP Control


Model Selection

DC EV Charging Station	BDC60-D-UL	BDC90-D-UL	BDC120-D-UL
			
Structure Description			
Shell Material	Sheet Metal		
Dimension	800mm*800mm*1800mm(L*W*H)		
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)		
Connectivity Authorization	RFID, App		
Screen	7 Inch LCD Screen/LED Light		
Electrical Specification			
Power System	IT TT TN-C-S		
Rated Input Current	80A	120A	160A
AC Input Voltage	AC480V±15% ,3-phase		
Input Frequency	50Hz/60Hz		
Wiring Method	L1 L2 L3 PE		
Consumption	≤24W		
Rated Power	60kW	90kW	120kW
Output Voltage Range	CCS1: 150Vdc -1000Vdc		
Output Current	CCS1:0~200A	CCS1:0~200A	CCS1:0~250A
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/Wi-Fi
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
GSM Operating Frequency	B2/B3/B5/B8
MIFARE Operating Frequency	13.56MHz±7K
2.4G WI-FI Operating Frequency	2412MHz-2484MHz
2.4G WI-FI Maximum Transmit Power	20.5 dBm
GSM850 Maximum Transmit Power	33 dBm±2 dB
EGSM900 Maximum Transmit Power	33 dBm±2 dB
DCS1800 Maximum Transmit Power	30 dBm±2 dB
PCS1900 Maximum Transmit Power	30 dBm±2 dB
GSM850 8-PSK Maximum Transmit Power	27 dBm±3 dB
EGSM900 8-PSK Maximum Transmit Power	27 dBm±3 dB
DCS1800 8-PSK Maximum Transmit Power	26 dBm±3 dB
PCS1900 8-PSK Maximum Transmit Power	26 dBm±3 dB
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

Model Selection

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,Overlord Protection,Current Leakage Protection, Grounding Protection,Over Temp Protection,Lightening Surge Protection

DC EV Charging Station	BDC150-D-UL	BDC180-D-UL	BDC210-D-UL
			
Structure Description			
Shell Material	Sheet Metal		
Dimension	800mm*800mm*1800mm(L*W*H)		
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)		
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±15% ,3-phase		
Input Frequency	50Hz/60Hz		
Wiring Method	L1 L2 L3 PE		
Consumption	≤24W		
Rated Power	150kW	180kW	210kW
Output Voltage Range	CCS1: 150Vdc -1000Vdc		
Output Current	CCS1:0~250A		
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/Wi-Fi
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
GSM Operating Frequency	B2/B3/B5/B8
MIFARE Operating Frequency	13.56MHz±7K
2.4G WI-FI Operating Frequency	2412MHz-2484MHz
2.4G WI-FI Maximum Transmit Power	20.5 dBm
GSM850 Maximum Transmit Power	33 dBm±2 dB
EGSM900 Maximum Transmit Power	33 dBm±2 dB
DCS1800 Maximum Transmit Power	30 dBm±2 dB
PCS1900 Maximum Transmit Power	30 dBm±2 dB
GSM850 8-PSK Maximum Transmit Power	27 dBm±3 dB
EGSM900 8-PSK Maximum Transmit Power	27 dBm±3 dB
DCS1800 8-PSK Maximum Transmit Power	26 dBm±3 dB
PCS1900 8-PSK Maximum Transmit Power	26 dBm±3 dB
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	TYPE 3R
Natural Cooling	Forced-air Cooling
Security Design	Over/Under Voltage Protection,Overlord Protection,Current Leakage Protection, Grounding Protection,Over Temp Protection,Lightening Surge Protection

Model Selection

DC EV Charging Station

BDC240-D-UL



Structure Description

Shell Material	Sheet Metal
Dimension	800mm*800mm*1800mm(L*W*H)
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)
Connectivity Authorization	RFID, App
Screen	7 Inch LCD Screen/LED Light

Electrical Specification

Power System	IT TT TN-C-S
Rated Input Current	321A
AC Input Voltage	AC480V±15% ,3-phase
Input Frequency	50Hz/60Hz
Wiring Method	L1 L2 L3 PE
Consumption	≤24W
Rated Power	240kW
Output Voltage Range	CCS1: 150Vdc -1000Vdc
Output Current	CCS1:0~250A
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/Wi-Fi

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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Environment Condition	
Application Place	Indoor/Outdoor
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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,Overlord Protection,Current Leakage Protection, Grounding Protection,Over Temp Protection,Lightening Surge Protection