



Beny 4 Guns DC EV Charging Station

120kW-480kW



Datasheet

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Product Overview

The Beny DC EV Charging Station boasts two remarkable 21-inch touch screens for effortless control. It offers powerful comprehensive 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



OCCP 1.6J



21-inch
Touch Screen



RFID



APP Control

Model Selection

DC EV Charging Station		BDC120-F	BDC150-F	BDC160-F
				
Structure Description				
Shell Material	Galvanized Sheet			
Dimension	800*900*1900(L*W*H mm)			
Packing Dimension	1050*1250*2160(L*W*H mm)			
Weight	≤380kG	≤395kG	≤400kG	
Installation Method	Floor-stand Type			
Cable Routing	Bottom Inlet Wiring,Up Outlet Wiring			
Total length of gun cable	5 m			
Charging Outlets	Quadruple(A+B+C+D) (A:CCS1/CCS2/GBT/CHADEMO/NACS) (B:CCS1/CCS2/GBT/CHADEMO/NACS) (C:CCS1/CCS2/GBT/CHADEMO/NACS) (D:CCS1/CCS2/GBT/CHADEMO/NACS)			
Connectivity Authorization	RFID, App			
Screen	2*(21 Inch LCD Screen/LED Light)			
Electrical Specification				
AC Input Voltage	AC380V-415V, 3P+N+PE			
Rated Input Current	204A	255A	272A	
Input Frequency	50Hz/60Hz			
Consumption	≤24W			
Rated Power	120kW	150kW	160kW	
Output Voltage Range	CCS1/CCS2/NACS/GBT: 150Vdc ~ 1000Vdc;CHADEMO: 150Vdc ~ 500Vdc			
Output Current	CCS1/CCS2/NACS/GBT: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		BDC180-F	BDC200-F	BDC210-F
Structure Description				
Shell Material		Galvanized Sheet		
Dimension		800*900*1900(L*W*H mm)		
Packing Dimension		1050*1250*2160(L*W*H mm)		
Weight		≤415kG	≤430kG	≤435kG
Installation Method		Floor-stand Type		
Cable Routing		Bottom Inlet Wiring,Up Outlet Wiring		
Total length of gun cable		5 m		
Charging Outlets		Quadruple(A+B+C+D) (A:CCS1/CCS2/GBT/CHADEMO/NACS) (B:CCS1/CCS2/GBT/CHADEMO/NACS) (C:CCS1/CCS2/GBT/CHADEMO/NACS) (D:CCS1/CCS2/GBT/CHADEMO/NACS)		
Connectivity Authorization		RFID, App		
Screen		2*(21 Inch LCD Screen/LED Light)		
Electrical Specification				
AC Input Voltage		AC380V-415V, 3P+N+PE		
Rated Input Current		306A	340A	357A
Input Frequency		50Hz/60Hz		
Consumption		≤24W		
Rated Power		180kW	200kW	210kW
Output Voltage Range		CCS1/CCS2/NACS/GBT: 150Vdc ~ 1000Vdc;CHADEMO: 150Vdc ~ 500Vdc		
Output Current		CCS1/CCS2/NACS/GBT: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		BDC240-F	BDC270-F	BDC280-F
				
Structure Description				
Shell Material	Galvanized Sheet			
Dimension	800*900*1900(L*W*H mm)			
Packing Dimension	1050*1250*2160(L*W*H mm)			
Weight	≤450kG	≤465kG	≤470kG	
Installation Method	Floor-stand Type			
Cable Routing	Bottom Inlet Wiring,Up Outlet Wiring			
Total length of gun cable	5 m			
Charging Outlets	Quadruple(A+B+C+D) (A:CCS1/CCS2/GBT/CHADEMO/NACS) (B:CCS1/CCS2/GBT/CHADEMO/NACS) (C:CCS1/CCS2/GBT/CHADEMO/NACS) (D:CCS1/CCS2/GBT/CHADEMO/NACS)			
Connectivity Authorization	RFID, App			
Screen	2*(21 Inch LCD Screen/LED Light)			
Electrical Specification				
AC Input Voltage	AC380V-415V, 3P+N+PE			
Rated Input Current	407A	458A	475A	
Input Frequency	50Hz/60Hz			
Consumption	≤24W			
Rated Power	240kW	270kW	280kW	
Output Voltage Range	CCS1/CCS2/NACS/GBT: 150Vdc ~ 1000Vdc;CHADEMO: 150Vdc ~ 500Vdc			
Output Current	CCS1/CCS2/NACS/GBT: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, Lightening Surge Protection

Model Selection

DC EV Charging Station		BDC300-F	BDC320-F	BDC330-F
Structure Description				
Shell Material		Galvanized Sheet		
Dimension		800*900*1900(L*W*H mm)		
Packing Dimension		1050*1250*2160(L*W*H mm)		
Weight		≤485kG	≤500kG	≤505kG
Installation Method		Floor-stand Type		
Cable Routing		Bottom Inlet Wiring,Up Outlet Wiring		
Total length of gun cable		5 m		
Charging Outlets		Quadruple(A+B+C+D) (A:CCS1/CCS2/GBT/CHADEMO/NACS) (B:CCS1/CCS2/GBT/CHADEMO/NACS) (C:CCS1/CCS2/GBT/CHADEMO/NACS) (D:CCS1/CCS2/GBT/CHADEMO/NACS)		
Connectivity Authorization		RFID, App		
Screen		2*(21 Inch LCD Screen/LED Light)		
Electrical Specification				
AC Input Voltage		AC380V-415V, 3P+N+PE		
Rated Input Current		509A	543A	560A
Input Frequency		50Hz/60Hz		
Consumption		≤24W		
Rated Power		300kW	320kW	330kW
Output Voltage Range		CCS1/CCS2/NACS/GBT: 150Vdc ~ 1000Vdc;CHADEMO: 150Vdc ~ 500Vdc		
Output Current		CCS1/CCS2/NACS/GBT: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		BDC360-F	BDC400-F	BDC440-F
Structure Description				
Shell Material		Galvanized Sheet		
Dimension		800*900*1900(L*W*H mm)		
Packing Dimension		1050*1250*2160(L*W*H mm)		
Weight		≤520kG	≤535kG	≤550kG
Installation Method		Floor-stand Type		
Cable Routing		Bottom Inlet Wiring,Up Outlet Wiring		
Total length of gun cable		5 m		
Charging Outlets		Quadruple(A+B+C+D) (A:CCS1/CCS2/GBT/CHADEMO/NACS) (B:CCS1/CCS2/GBT/CHADEMO/NACS) (C:CCS1/CCS2/GBT/CHADEMO/NACS) (D:CCS1/CCS2/GBT/CHADEMO/NACS)		
Connectivity Authorization		RFID, App		
Screen		2*(21 Inch LCD Screen/LED Light)		
Electrical Specification				
AC Input Voltage		AC380V-415V, 3P+N+PE		
Rated Input Current		611A	680A	747A
Input Frequency		50Hz/60Hz		
Consumption		≤24W		
Rated Power		360kW	400kW	440kW
Output Voltage Range		CCS1/CCS2/NACS/GBT: 150Vdc ~ 1000Vdc;CHADEMO: 150Vdc ~ 500Vdc		
Output Current		CCS1/CCS2/NACS/GBT: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		BDC480-F
		
Structure Description		
Shell Material	Galvanized Sheet	
Dimension	800*900*1900(L*W*H mm)	
Packing Dimension	1050*1250*2160(L*W*H mm)	
Weight	≤565kG	
Installation Method	Floor-stand Type	
Cable Routing	Bottom Inlet Wiring,Up Outlet Wiring	
Total length of gun cable	5 m	
Charging Outlets	Quadruple(A+B+C+D) (A:CCS1/CCS2/GBT/CHADEMO/NACS) (B:CCS1/CCS2/GBT/CHADEMO/NACS) (C:CCS1/CCS2/GBT/CHADEMO/NACS) (D:CCS1/CCS2/GBT/CHADEMO/NACS)	
Connectivity Authorization	RFID, App	
Screen	2*(21 Inch LCD Screen/LED Light)	
Electrical Specification		
AC Input Voltage	AC380V-415V, 3P+N+PE	
Rated Input Current	815A	
Input Frequency	50Hz/60Hz	
Consumption	≤24W	
Rated Power	480kW	
Output Voltage Range	CCS1/CCS2/NACS/GBT: 150Vdc ~ 1000Vdc;CHADEMO: 150Vdc ~ 500Vdc	
Output Current	CCS1/CCS2/NACS/GBT: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