



Beny 1 Gun DC EV Charging Station

30kW -240kW



Datasheet

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Product Overview

The Beny DC EV Charging Station boasts a remarkable 21-inch touch screen for effortless control. It comes with a range of certifications including CE, RCM, UKCA, TUV, 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



OCPP 1.6J



7-inch Touch Screen



RFID



APP Control

Model Selection

DC EV Charging Station	BDC30-S	BDC40-S	BDC60-S
			
Structure Description			
Shell Material	Galvanized Sheet		
Dimension	800*800*1800(L*W*H mm)		
Packing Dimension	1050*1100*2035(L*W*H mm)		
Weight	≤280kG	≤290kG	≤310kG
Installation Method	Floor-Stand Type		
Cable Routing	Bottom Inlet Wiring,Up Outlet Wiring		
Total length of gun cable	5 m		
Charging Outlets	Single (CCS1/CCS2/GBT/CHADEMO/NACS)		
Connectivity Authorization	RFID, App		
Screen	21 Inch LCD Screen/LED Light		
Electrical Specification			
AC Input Voltage	AC380V-415V, 3P+N+PE		
Rated Input Current	51A	68A	102A
Input Frequency	50Hz/60Hz		
Consumption	≤24W		
Rated Power	30kW	40kW	60kW
Output Voltage Range	CCS1/CCS2/GBT/NACS: 150Vdc~1000Vdc; CHADEMO: 150Vdc ~ 500Vdc		
Output Current	CCS1/CCS2/GBT/NACS: 0~100A CHADEMO: 0~100A	CCS1/GBT/NACS: 0~133A CCS2: 0~133A CHADEMO: 0~133A	CCS1/CCS2: 0~200A GBT/NACS: 0~200A 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

Model Selection

DC EV Charging Station	BDC80-S	BDC90-S	BDC120-S
			
Structure Description			
Shell Material	Galvanized Sheet		
Dimension	800*800*1800(L*W*H mm)		
Packing Dimension	1050*1100*2035(L*W*H mm)		
Weight	≤330kG	≤330kG	≤350kG
Installation Method	Floor-Stand Type		
Cable Routing	Bottom Inlet Wiring,Up Outlet Wiring		
Total length of gun cable	5 m		
Charging Outlets	Single (CCS1/CCS2/GBT/CHADEMO/NACS)		
Connectivity Authorization	RFID, App		
Screen	21 Inch LCD Screen/LED Light		
Electrical Specification			
AC Input Voltage	AC380V-415V, 3P+N+PE		
Rated Input Current	135A	152A	203A
Input Frequency	50Hz/60Hz		
Consumption	≤24W		
Rated Power	80kW	90kW	120kW
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, Lightening Surge Protection

Model Selection

DC EV Charging Station	BDC150-S	BDC160-S	BDC180-S
			
Structure Description			
Shell Material	Galvanized Sheet		
Dimension	800*800*1800(L*W*H mm)		
Packing Dimension	1050*1100*2035(L*W*H mm)		
Weight	≤370kG	≤370kG	≤390kG
Installation Method	Floor-Stand Type		
Cable Routing	Bottom Inlet Wiring,Up Outlet Wiring		
Total length of gun cable	5 m		
Charging Outlets	Single (CCS1/CCS2/GBT/CHADEMO/NACS)		
Connectivity Authorization	RFID, App		
Screen	21 Inch LCD Screen/LED Light		
Electrical Specification			
AC Input Voltage	AC380V-415V, 3P+N+PE		
Rated Input Current	254A	270A	304A
Input Frequency	50Hz/60Hz		
Consumption	≤24W		
Rated Power	150kW	160kW	180kW
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, Lightening Surge Protection

Model Selection

DC EV Charging Station	BDC210-S		BDC240-S	
				
Structure Description				
Shell Material	Galvanized Sheet			
Dimension	800*800*1800(L*W*H mm)			
Packing Dimension	1050*1100*2035(L*W*H mm)			
Weight	≤410kG		≤430kG	
Installation Method	Floor-Stand Type			
Cable Routing	Bottom Inlet Wiring,Up Outlet Wiring			
Total length of gun cable	5 m			
Charging Outlets	Single (CCS1/CCS2/GBT/CHADEMO/NACS)			
Connectivity Authorization	RFID, App			
Screen	21 Inch LCD Screen/LED Light			
Electrical Specification				
AC Input Voltage	AC380V-415V, 3P+N+PE			
Rated Input Current	355A		406A	
Input Frequency	50Hz/60Hz			
Consumption	≤24W			
Rated Power	210kW		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, Lightening Surge Protection	