



Beny 3 Guns DC EV Charging Station

90kW-480kW



Datasheet

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Product Overview

The Beny DC EV Charging Station boasts two remarkable 7-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



OCPP 1.6J



7-inch
Touch Screens



RFID



APP Control

Model Selection

DC EV Charging Station		BDC90-T	BDC120-T	BDC150-T
				
Structure Description				
Shell Material		Galvanized Sheet		
Dimension		800*800*1800(L*W*H mm)		
Packing Dimension		1050*1250*2160(L*W*H mm)		
Weight		≤370kG	≤375kG	≤390kG
Installation Method		Floor-stand Type		
Cable Routing		Bottom Inlet Wiring,Up Outlet Wiring		
Total length of gun cable		5 m		
Charging Outlets		Triple(A/B/C) (A:CCS1/CCS2/GBT/CHADEMO/NACS) (B:CCS1/CCS2/GBT/CHADEMO/NACS) (C:CCS1/CCS2/GBT/CHADEMO/NACS)		
Connectivity Authorization		RFID, App		
Screen		2*(7 Inch LCD Screen/LED Light)		
Electrical Specification				
AC Input Voltage		AC380V-415V, 3P+N+PE		
Rated Input Current		203A	204A	255A
Input Frequency		50Hz/60Hz		
Consumption		≤24W		
Rated Power		90kW	120kW	150kW
Output Voltage Range		CCS1/CCS2/NACS/GBT: 150Vdc ~ 1000Vdc;CHADEMO: 150Vdc ~ 500Vdc		
Output Current		CCS1/CCS2/NACS/GBT:0~250A;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		BDC160-T	BDC180-T	BDC200-T
				
Structure Description				
Shell Material		Galvanized Sheet		
Dimension		800*800*1800(L*W*H mm)		
Packing Dimension		1050*1250*2160(L*W*H mm)		
Weight	≤395kG	≤405kG	≤415kG	
Installation Method		Floor-stand Type		
Cable Routing		Bottom Inlet Wiring,Up Outlet Wiring		
Total length of gun cable		5 m		
Charging Outlets		Triple(A/B/C) (A:CCS1/CCS2/GBT/CHADEMO/NACS) (B:CCS1/CCS2/GBT/CHADEMO/NACS) (C:CCS1/CCS2/GBT/CHADEMO/NACS)		
Connectivity Authorization		RFID, App		
Screen		2*(7 Inch LCD Screen/LED Light)		
Electrical Specification				
AC Input Voltage		AC380V-415V, 3P+N+PE		
Rated Input Current	272A	306A	340A	
Input Frequency		50Hz/60Hz		
Consumption		≤24W		
Rated Power	160kW	180kW	200kW	
Output Voltage Range		CCS1/CCS2/NACS/GBT: 150Vdc ~ 1000Vdc;CHADEMO: 150Vdc ~ 500Vdc		
Output Current		CCS1/CCS2/NACS/GBT:0~250A;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, Lightning Surge Protection

Model Selection

DC EV Charging Station		BDC210-T	BDC240-T	BDC270-T
				
Structure Description				
Shell Material		Galvanized Sheet		
Dimension		800*800*1800(L*W*H mm)		
Packing Dimension		1050*1250*2160(L*W*H mm)		
Weight	≤425kG	≤445kG	≤455kG	
Installation Method		Floor-stand Type		
Cable Routing		Bottom Inlet Wiring,Up Outlet Wiring		
Total length of gun cable		5 m		
Charging Outlets		Triple(A/B/C) (A:CCS1/CCS2/GBT/CHADEMO/NACS) (B:CCS1/CCS2/GBT/CHADEMO/NACS) (C:CCS1/CCS2/GBT/CHADEMO/NACS)		
Connectivity Authorization		RFID, App		
Screen		2*(7 Inch LCD Screen/LED Light)		
Electrical Specification				
AC Input Voltage		AC380V-415V, 3P+N+PE		
Rated Input Current	357A	407A	458A	
Input Frequency		50Hz/60Hz		
Consumption		≤24W		
Rated Power	210kW	240kW	270kW	
Output Voltage Range		CCS1/CCS2/NACS/GBT: 150Vdc ~ 1000Vdc;CHADEMO: 150Vdc ~ 500Vdc		
Output Current		CCS1/CCS2/NACS/GBT:0~250A;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, Lightning Surge Protection

Model Selection

DC EV Charging Station		BDC280-T	BDC300-T	BDC320-T
				
Structure Description				
Shell Material		Galvanized Sheet		
Dimension		800*800*1800(L*W*H mm)		
Packing Dimension		1050*1250*2160(L*W*H mm)		
Weight	≤460kG	≤475kG	≤485kG	
Installation Method		Floor-stand Type		
Cable Routing		Bottom Inlet Wiring,Up Outlet Wiring		
Total length of gun cable		5 m		
Charging Outlets		Triple(A/B/C) (A:CCS1/CCS2/GBT/CHADEMO/NACS) (B:CCS1/CCS2/GBT/CHADEMO/NACS) (C:CCS1/CCS2/GBT/CHADEMO/NACS)		
Connectivity Authorization		RFID, App		
Screen		2*(7 Inch LCD Screen/LED Light)		
Electrical Specification				
AC Input Voltage		AC380V-415V, 3P+N+PE		
Rated Input Current	475A	509A	543A	
Input Frequency		50Hz/60Hz		
Consumption		≤24W		
Rated Power	280kW	300kW	320kW	
Output Voltage Range		CCS1/CCS2/NACS/GBT: 150Vdc ~ 1000Vdc;CHADEMO: 150Vdc ~ 500Vdc		
Output Current		CCS1/CCS2/NACS/GBT:0~250A;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		BDC330-T	BDC360-T	BDC400-T
				
Structure Description				
Shell Material		Galvanized Sheet		
Dimension		800*800*1800(L*W*H mm)		
Packing Dimension		1050*1250*2160(L*W*H mm)		
Weight	≤495kG	≤515kG	≤525kG	
Installation Method		Floor-stand Type		
Cable Routing		Bottom Inlet Wiring,Up Outlet Wiring		
Total length of gun cable		5 m		
Charging Outlets		Triple(A/B/C) (A:CCS1/CCS2/GBT/CHADEMO/NACS) (B:CCS1/CCS2/GBT/CHADEMO/NACS) (C:CCS1/CCS2/GBT/CHADEMO/NACS)		
Connectivity Authorization		RFID, App		
Screen		2*(7 Inch LCD Screen/LED Light)		
Electrical Specification				
AC Input Voltage		AC380V-415V, 3P+N+PE		
Rated Input Current	560A	611A	680A	
Input Frequency		50Hz/60Hz		
Consumption		≤24W		
Rated Power	90kW	120kW	150kW	
Output Voltage Range		CCS1/CCS2/NACS/GBT: 150Vdc ~ 1000Vdc;CHADEMO: 150Vdc ~ 500Vdc		
Output Current		CCS1/CCS2/NACS/GBT:0~250A;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, Lightning Surge Protection

Model Selection

DC EV Charging Station		BDC440-T	BDC480-T
			
Structure Description			
Shell Material		Galvanized Sheet	
Dimension		800*800*1800(L*W*H mm)	
Packing Dimension		1050*1250*2160(L*W*H mm)	
Weight		≤540kG	≤555kG
Installation Method		Floor-stand Type	
Cable Routing		Bottom Inlet Wiring,Up Outlet Wiring	
Total length of gun cable		5 m	
Charging Outlets		Triple(A/B/C) (A:CCS1/CCS2/GBT/CHADEMO/NACS) (B:CCS1/CCS2/GBT/CHADEMO/NACS) (C:CCS1/CCS2/GBT/CHADEMO/NACS)	
Connectivity Authorization		RFID, App	
Screen		2*(7 Inch LCD Screen/LED Light)	
Electrical Specification			
AC Input Voltage		AC380V-415V, 3P+N+PE	
Rated Input Current		747A	815A
Input Frequency		50Hz/60Hz	
Consumption		≤24W	
Rated Power		440kW	480kW
Output Voltage Range		CCS1/CCS2/NACS/GBT: 150Vdc ~ 1000Vdc;CHADEMO: 150Vdc ~ 500Vdc	
Output Current		CCS1/CCS2/NACS/GBT:0~250A;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, Lightning Surge Protection